University of Calcutta.

MINUTES

FOR THE YEAR

1879-80.

CALCUTTA:
OFFICE OF SUPERINTENDENT OF GOVERNMENT PRINTING, INDIA
1880.

MINUTES OF THE SENATE

FOR THE YEAR 1879-80.

No. 1.

THE 26TH APRIL.

Present:

THE RIGHT REV. THE LORD BISHOP OF CALCUTTA, *in the Chair.*

THE REV. DR. K. M. BANERJEA.
DR. S. B. PARTRIDGE.
MAULVI ABDOOL LUTEEF, KHAN BAHADOOR.
MR. H. F. BLANFORD.
DR. D. B. SMITH.
MR. H. BELL.
RAY KANAILAL DE, BAHADOOR.
DR. K. MCLEOD.
MR. O. C. DUTT.
THE HON'BLE J. O'KINEALY.
DR. T. E. CHARLES.
DR. H. CAYLEY.
MR. H. ROBERTS.
MR. W. M. SOUTTAR.
DR. SAUBENDRAMOHAN TAGORE.
MR. JOHN ELIOT.
PANDIT MAHESCHANDRA NYAYARATNA.
MR. A. M. BOSE.
THE REV. JAS. ROBERTSON.
MR. A. PEDLER.
MR. A. E. GOUGH.
DR. A. F. RUDOLF HOERNLE.
MR. F. J. ROWE.
DR. W. HASTIE.
DR. R. HARVEY.

1. The annual report of the Syndicate, having been circulated to the members, was taken as read.

The Rev. J. Robertson proposed that the Syndicate be requested to enquire whether any, and if so, what, steps should be taken with the view of securing greater uniformity in the standard of the examination in all subjects.

Mr. O. C. Dutt seconded the motion.

The motion was carried.

Dr. Banerjea then moved that the report be adopted.

2. Pandit Maheschandra Nyayaratna proposed that Mr. C. H. Tawney be re-appointed Registrar.

Ray Kanailal De, Bahadoor, seconded the motion.

The motion was carried.

3. Mr. A. M. Bose proposed that for the purpose of the Medical Examinations of the University, the degree of Bachelor of Arts

of Oxford held by Mr. A. V. Lazarus be considered equivalent to the First Arts certificate.

Pandit Maheschandra Nyayaratna seconded the motion.

The motion was carried.

4. The Hon'ble J. O'Kinealy proposed that in paragraph 9 of the Regulations for Honors in Arts the words "History of Philosophy" be substituted for "Natural Theology," and the words "(*a*) Natural Theology" be substituted for "(*a*) History of Philosophy," and the words "as in Butler's Analogy and Paley's Evidences" be omitted.

The Rev. J. Robertson seconded the motion.

Mr. H. Bell proposed as an amendment that the Syndicate be requested to refer the question to the Faculty of Arts for consideration.

Dr. Hastie seconded the amendment.

The amendment was carried.

5. Dr. T. E. Charles proposed that in the list of successful Entrance candidates published by the University, the age of each candidate be stated opposite his name, and that with this view the following words be inserted after the word "order" in the 7th paragraph of the Regulations for the Entrance Examination: "with a column shewing the age stated by each candidate in his application;" also, that in the certificate granted to candidates who have passed the Entrance Examination, the age of each candidate be inserted after his name.

Dr. Partridge seconded the motion.

The motion was carried.

6. The Hon'ble J. O'Kinealy proposed that for the marginal note now appended to the certificate of Entrance candidates, the following be substituted :—

"This certificate is to be signed by the Principal or Head Master of the College or School at which the candidate has been educated continuously since the 1st July next preceding the examination, or, if he has not been a pupil of any one school continuously since that date, by the Principal of an Affiliated College or by a Government Inspector of Schools."

Mr. F. Rowe seconded the motion.

Pandit Maheschandra Nyayaratna proposed as an amendment that the question be referred to the Syndicate for re-consideration, on the ground that it may prevent students who have left their schools after the 1st July next preceding the Entrance Examination with

the consent of the educational authorities from obtaining Government scholarships.

Mr. H. Bell seconded the amendment.

The amendment was put to the vote and lost.

The original motion was then put to the vote and carried.

7. Dr. Charles proposed that in paragraph 6 of the Regulations for the L. M. S. and M. B. Examinations, for the word "Chemistry" be substituted "Elementary Chemical Physics," including the "General Laws of Light, Heat, Electricity, and Magnetism; also Chemistry, Organic and Inorganic, having special reference to Practical Medical Science."

Ray Kanailal De, Bahadoor, seconded the motion.

The motion was carried.

8. Dr. Charles then proposed that in paragraph 8 of the Regulations for the Second M. B. Examination, for the words "one course of 50 lectures, diseases of the eye," be substituted "one course of 25 lectures, diseases of the eye."

Dr. Cayley seconded the motion.

The motion was carried.

9. Mr. A. M. Bose proposed that Chandramukhi Basu, who was declared by the Junior Board of Examiners to have attained the Entrance standard in the Examination of 1876, be admitted to the F. A. Examination of 1879 or any subsequent year.

Pandit Maheschandra Nyayaratna seconded the motion.

The motion was carried.

10. Mr. A. M. Bose proposed that Mr. A. C. Dixon, who holds the degree of Bachelor of Science of the London University, be admitted to the Examination for the degree of M. A. of the University of Calcutta.

Dr. Banerjea seconded the motion.

The motion was carried.

CHARLES H. TAWNEY,
Registrar.

(Confirmed.)
EDWARD R. CALCUTTA,
Chairman.

MINUTES OF THE SYNDICATE

FOR THE YEAR 1879-80.

No. 1.

THE 14TH JUNE.

Present:

DR. D. B. SMITH, *in the Chair*

THE HON'BLE J. O'KINEALY. | THE REV. JAS. ROBERTSON.

MR. A. E. GOUGH.

11. Read a letter from the Principal, La Martiniere College, Calcutta, recommending (1) that a portion of the English F. A. Course, consisting of prose and poetry, be permanent; (2) that the examination in Latin for the Entrance consist of (*a*) a paper in easy Accidence, (*b*) a paper containing easy sentences to be translated from Latin into English, and *vice versâ*, and an easy "unseen" passage from a prose author and another from a poet for translation into English; (3) that the F. A. Examination be on the same lines, but more difficult.

ORDERED—

To be referred to the Faculty of Arts.

12. Read a letter from the Secretary to the Bank of Bengal, advising the purchase of 4 per cent. Government Securities for Rs. 300 for the Ritchie Memorial Fund.

Also, a letter enclosing book debt certificates for Rs. 4,800 (Woodrow Memorial Fund) and for Rs. 1,100 (Ritchie Memorial Fund).

Memo. of purchase.

	Rs.	A.	P.
Five and a quarter per cent. Government Securities, Nos. 050870 to 72 of 1842-43, @ Rs. 100	300	0	0
Interest from 1st February to 9th April 1879, being 2 months 7 days, @ 4 per cent. ...	2	3	9
	302	3	9
Discount on ditto, @ 5¼ per cent.	15	12	0
	286	7	8
Commission @ ¼ per cent.	0	11	6
TOTAL ...	287	3	3

ORDERED—

To be recorded.

13. The Registrar reported that Mr. Govin Chunder Dutt has presented to the University *Le Journal de Mademoiselle D'Arvers*, a work by the late Miss Toru Dutt.

RESOLVED—

That the thanks of the University be given to Mr. Govin Chunder Dutt.

14. Read a letter from the Director of Public Instruction, Bengal, recommending that Rampur Bauleah be made a centre of examinations for the Entrance and First Arts.

RESOLVED—

That Rampur Bauleah be appointed a centre for the Entrance and F. A. Examinations of 1879 and subsequent years.

15. Read a letter from the Officiating Principal of the Sanskrit College, requesting the Syndicate to fix text-books in Bengali for the F. A. Examination of female candidates.

ORDERED—

That the Registrar request the Principal of the Sanskrit College to recommend suitable text-books in consultation with the Rev. K. M. Banerjea, D.L.

16. Read the proceedings of the Senate at their meeting on the 26th of April.

RESOLVED—

That a circular be sent to the Heads of Affiliated Institutions, requesting their opinion on the following question referred to the Syndicate by the Senate at their last meeting: "whether any, and if so, what, steps should be taken with the view of securing greater uniformity in the standards of the examinations in all subjects."

17. Read a letter from Dr. D. B. Smith, forwarding a letter from Dr. McConnell, proposing (1) that the lectures in Pathology and Morbid Anatomy be reduced to 40; (2) that all candidates for the Second M. B. Examination shall be required to produce a certificate of having attended two such courses, and those for the Second L. M. S. Examination, one such course.

ORDERED—

To be referred to the Faculty of Medicine.

18. The Registrar reported that it was necessary to take steps for the election of a Tagore Professor in August.

RESOLVED—

That the Faculty of Law be requested to advise the Syndicate on the steps to be taken for electing a Professor in August.

19. Read a letter from the Director of Public Instruction, Bengal, recommending the affiliation of the Rajshahye College in Law.

RESOLVED—

That an application be made to the Government of India, recommending the Governor General in Council to sanction the affiliation of the Rajshahye College in Law, with effect from the 1st January 1880.

20. Read a letter from the Officiating Secretary to the Government of India in the Home Department, announcing that the Governor General in Council has been pleased to sanction the alterations in the Regulations for Arts and Medicine recommended by the Senate at their last meeting.

ORDERED—

To be recorded.

21. Read a letter from the Director of Public Instruction, Bengal, requesting that the following alterations may be made in the designations of the institutions named below :—

Bauleah	High School	to be	Rajshahye	College.
Chittagong	„	„	Chittagong	„
Midnapur	„	„	Midnapur	„
Rungpur	„	„	Rungpur	„

RESOLVED—

That the designation of the above institutions be altered in accordance with the recommendation of the Director of Public Instruction, Bengal.

22. Read a letter from Dr. D. B. Smith, enclosing a petition from 56 students of the Medical College, requesting that candidates who have failed in the Medical Examinations of the University may be required at subsequent examinations to pass in those subjects only in which they have failed.

ORDERED—

To be referred to the Faculty of Medicine.

23. The following bills of contingencies were passed :—

FOR APRIL AND MAY 1879.

		Rs.	A.	P.	Rs.	A.	P.
1	Bill, Municipal Corporation, for house rate, 4th quarter, 1878	135	0	0			
1	„ Municipal Corporation for water, police, &c., 1st quarter, 1879	120	0	0			
1	„ Baptist Mission Press, for printing examination papers	16	0	0			
1	„ *Indian Daily News* for advertisement...	8	0	0			
1	„ *Hindu Patriot* for advertisement ...	3	0	0			
1	„ expenses incurred during the last Entrance Examination held at Batticaloa	12	10	0			
1	„ allowance to an extra punkah-puller from 29th March to 31st May 1879...	8	6	0			
1	„ boring a hole through the wall ...	3	0	0			
1	„ insufficient postage to a cover received ...	0	1	0			
1	„ allowance and contingencies to the lithographic pressman from January to March 1879	9	0	0			
1	„ duftry for 2,000 envelopes and paste, from March to May 1879	2	0	0			
1	„ service postage stamps	25	0	0			
1	„ conveyance hire to the clerk on duty and sundries	9	3	0			
1	„ amount of charges by the Bank of Bengal as withdrawal fee account, Woodrow Fund	12	0	0			
					363	4	0
	Account, Tagore Fund.						
1	Bill, service postage stamps				75	0	0
	Account, Library Fund.						
1	Bill for binding books				13	12	0
	TOTAL ...				452	0	0

CHARLES H. TAWNEY,

Registrar.

(Confirmed.)

DAVID B. SMITH, M. D.,

Chairman.

MINUTES OF THE FACULTY OF LAW

FOR THE YEAR 1879-80.

No. 1.

THE 3RD JULY.

Present:

THE HON'BLE J. O'KINEALY, *in the Chair.*

THE HON'BLE ROMESH CHUNDER MITTER.	AMIR ALI, ESQ.
THE HON'BLE H. T. PRINSEP.	DR. GOOROODAS BANERJEA.
J. H. A. BRANSON, ESQ.	RAI JAGADANANDA MOOKERJEA.
W. C. BONNERJEE, ESQ.	BABOO ANNADAPRASAD BANERJEA.

24. The Faculty was convened to advise the Syndicate as to the steps to be taken for electing a successor to the present Tagore Law Professor, whose term of office expires on the 31st of August next.

RESOLVED—

That the Syndicate be advised to issue an advertisement in the following form :—

"The Senate of the University of Calcutta will proceed in the month of August next to the election of a Tagore Law Professor for such term as the Senate may approve."

"The salary of the Professorship is Rs. 10,000 per annum, and one of the conditions of the appointment is that the Professor shall deliver in each year a course of lectures on some branch of Law."

"Candidates for the Professorship are requested to forward their applications to the Registrar before the 26th July, and at the same time to state on what subject or subjects they are prepared to lecture."

Mr. W. C. Bonnerjee then proposed, and Mr. Amir Ali seconded, the following motion :—

That the Faculty recommend to the Syndicate that a Select Committee of the Faculty of Law be appointed to consider if the present scheme for the Tagore Law Lectures is working satisfactorily ; and if not, if it can be improved in any and what way.

Carried unanimously.

CHARLES H. TAWNEY,

Registrar.

(Confirmed.)

J. O'KINEALY,

President.

MINUTES OF THE FACULTY OF MEDICINE

FOR THE YEAR 1879-80.

No. 1.

THE 4TH JULY.

Present:

DR. D. B. SMITH, *in the Chair.*

DR. S. B. PARTRIDGE.	DR. K. MCLEOD.
DR. A. J. PAYNE.	DR. H. CAYLEY.
RAY KANAILAL DE, BAHADOOR.	DR. JAGADBANDHU BASU.
DR. GEO. KING.	BABOO SURYYAKUMAR SARBADHIKARI.
MUNSHI TAMIZ KHAN, KHAN BAHADOOR.	DR. R. HARVEY.

25. Read a letter from Dr. McConnell referred to the Faculty by the Syndicate at their last meeting.

RESOLVED—

That the Faculty recommend to the Syndicate—

(1.) That the number of systematic lectures on Pathology and Morbid Anatomy be reduced from 70 to 40.

(2.) That all students for the second M. B. and L. M. S. Degrees be required to produce a certificate of having attended one such course.

(3) That in paragraph 9, Section *d*, of the Regulations for the Licence in Medicine and Surgery, and in paragraph 8, Section *d*, of the Regulations for the degree of Bachelor in Medicine, after the words "*post-mortem* examinations" the following words be added: "And of having regularly attended one course of practical demonstrations in the Dead House."

26. Read a petition from 56 students of the Medical College referred to the Faculty by the Syndicate.

Dr. Jagadbandhu Basu proposed, and Dr. D. B. Smith seconded, the following motion :—

That the Faculty recommend to the Syndicate that in the medical examinations of the University, those students who fail in one subject be required to pass at the next examination in that subject only.

The motion was put to the vote and lost.

CHARLES H. TAWNEY,
Registrar.

(Confirmed.)

DAVID B. SMITH, M. D.,
President.

MINUTES OF THE SYNDICATE

FOR THE YEAR 1879-80.

No. 2.

THE 26TH JULY.

Present:

DR. D. B. SMITH, *in the chair.*

A. W. CROFT, ESQ. | A. M. BOSE, ESQ.
THE HON'BLE J. O'KINEALY. | THE REVD. J. ROBERTSON.

27. The Registrar reported that of the 5 B. C. E. candidates and the 21 L. C. E. candidates, who had presented themselves at the recent examination, none had attained the requisite standard for passing.

ORDERED—

That the result of the examination be recorded.

28. Read proceedings of the Faculty of Law at their meeting on the 3rd of July.

RESOLVED—

That the Faculty be requested to appoint a committee of their own body to consider if the present scheme for the Tagore Law lectures is working satisfactorily; and if not, if it can be improved in any and what way.

In connection with these proceedings the Registrar reported that advertisements had been inserted in the leading newspapers of Calcutta, Madras, Bombay and Allahabad, and that six applications had been received.

29. The Registrar submitted applications from the following gentlemen for the Tagore Law Professorship :—

Mr. W. F. Agnew, Barrister at Law.
Babu Rajkumar Sarbadhikari, B. L.
„ Upendranath Mitra, B. L.
„ Golapchandra Sarkar, B. L.
„ Rameschandra Basu, B. L.
„ Amritalal De, B. L.

ORDERED—

That the applications be laid before the Faculty of Law for consideration and report.

30. Read applications from the following graduates to be admitted to the next Premchand Roychand Examination and to be examined in the subjects mentioned opposite to each :—

Nilkanta Majumdar	...	English, History, Philosophy, and Sanskrit.
Brajagopal Mukerjee	..	English, History, and Sanskrit.
Asutosh Gupta	...	Pure Mathematics, Mixed Mathematics, and Physical Science.
Byomkes Chakrabarti	...	Pure Mathematics, Mixed Mathematics, Physical Science, and History.
Bipinbihari Gupta	...	Pure Mathematics, Mixed Mathematics, and Physical Science.
Chandrasekhar Sarkar	..	Pure Mathematics, Mixed Mathematics, and Physical Science.
Haraprasad Bhattacharyya		English, Sanskrit, and History.

ORDERED—

That the applicants be admitted to the examination.

31. Read proceedings of the Faculty of Medicine at their meeting on the 4th of July.

RESOLVED—

That the Syndicate recommend to the Senate—

(1.) That in paragraph 9, clause *b*, of the Regulations for the Licence in Medicine and Surgery, and in paragraph 8, clause *b*, of the Regulations for the degree of Bachelor in Medicine, for the words "one course of 70 lectures, General Pathology and Morbid Anatomy," be substituted the words "one course of 40 lectures, General Pathology and Morbid Anatomy."

(2.) That in paragraph 9, section *d*, of the Regulations for the Licence in Medicine and Surgery, and in paragraph 8, section *d*, of the Regulations for the degree of Bachelor of Medicine, after the words "*six post-mortem* examinations" the following words be added: "And of having regularly attended one course of practical demonstrations in the Dead House."

32. Read opinions from the heads of affiliated institutions in answer to Circular No. 447, dated the 25th June, enquiring "whether any and, if so, what steps should be taken with the view of securing greater uniformity in the standards of the University Examinations in all subjects."

RESOLVED—

That the question be deferred to the next meeting.

33. Read a letter from the Under Secretary to the Government of India, in the Home Department, sanctioning the affiliation in Law of the Rajshahye College from the 1st of January 1880.

ORDERED—

To be recorded.

34. Read a letter from the Officiating Principal, Sanskrit College, recommending subjects in Bengali for the F. A. and B. A. Examinations of female candidates.

ORDERED—

That the following subjects in Bengali be appointed for the F. A. and B. A. Examinations of female candidates :—

F. A. EXAMINATION.

Poetry.—"Nirvâsitar vilâp," by Sivanath Sastri.

Prose.—"Dharmaniti," by Akshaykumar Datta.

B. A. EXAMINATION.

Poetry.—"Karnarjuna Kâvya," first six cantos, by Baladeva Palita.

Prose.—"Vahyavastursahita Mânavaprakitir Sambandha Vichar," by Akshaykumar Datta.

35. Read a letter from the Maharaja Nilmani Sing Deo Bahadoor, zemindar of Pachete, forwarding two Government Promissory notes of Rs. 1,000 each of the 4½ per cent. loan of 1879, in order to found a medal in Sanskrit.

ORDERED—

That the Registrar take steps to convert the Promissory notes into stock, and inform the Maharaja that the Syndicate thankfully accept his donation, but are of opinion that as the Radhakanta Medal is given to the best Sanskrit scholar among the successful candidates for the degree of B. A. of each year, and as the candidate who is placed first in the first class in the examination for honors in Sanskrit receives a gold medal from the University, it would be more conducive to the interest of education if a prize of books were substituted for a medal.

36. Read a letter from the Honorary Secretary to the Committee of Management, Doveton College, forwarding an extract from the report of the Principal of the Doveton College and an extract from the report of the Committee for the years 1877 and 1878, on the subject of the University rule, which requires a candidate for the Entrance Examination to be in his sixteenth year.

RESOLVED—

That the Syndicate recommend to the Senate that in paragraph 2 of the Regulations for the Entrance Examination, the following words be omitted : "provided he will be above the age of sixteen years on the 1st March following, and not otherwise;" also, that in the form of Entrance application prescribed by the University, the following introductory note to the certificate be omitted :—

"The authorities signing this certificate are requested to use strict precautions for preventing the possibility of any misunderstanding on the part of any candidate as to the right interpretation of the rule regarding the age of admission, namely, that he is not eligible for admission unless he shall have completed 16 years from the date of birth on the 1st of March next;" and that in the certificate itself, for the words "I certify that the above-named candidate will, to the best of my belief, be above the age of 16 years on the 1st March next; that I know nothing against his moral character,"—be substituted the words "I certify that I know nothing against the moral character of the above-named candidate," and that in the list of particulars to be filled in by the candidate, after the word "age" be added the words "on the 1st of January next," and that the above changes come into effect at the Entrance Examination of 1880.

37. Read a letter from the Principal, Residency College, Indore, requesting the Syndicate to allow Entrance candidates to translate into Guzrathi the paper set on the afternoon of the second day of the examination.

RESOLVED—

That the request be granted.

38. Read an application from the heads of colleges in Ceylon, praying that Colombo, or some other town in Ceylon, may be made a centre for holding the B. A. Examination of the University.

ORDERED—

That the Registrar inform the applicants that the Syndicate regret that they are unable to comply with their request.

39. Read a letter from the Officiating Secretary to the Chief Commissioner, Central Provinces, in answer to a letter addressed to him by the Registrar, stating that the Chief Commissioner thinks that the contribution paid to the Superintendent of the B. A. Examination at Agra may be discontinued.

ORDERED—

That the Registrar write to the Secretary to the Government of the North-Western Provinces, inquiring when a reply may be expected to the letter sent by him in accordance with a resolution of the Syndicate at their meeting on the 29th of March (Minutes of the Syndicate 1878-79, page 120).

40. Read a letter from the Secretary, Cobden Club, forwarding a medal for presentation to Kalisankar Sukul, who stood first in Political Economy at the last examination for honors in History and Political Economy.

ORDERED—

That the Registrar present the medal to Kalisankar Sukul and convey the thanks of the University to the Secretary of the Cobden Club.

41. Read application from Pandit Harischandra Bhattacharyya and Baboo Rajanikanta Gupta, forwarding copies of their Sanskrit Selections and requesting that they may be introduced as text-books in Sanskrit for the University Entrance Examinations.

RESOLVED—

That the following gentlemen be requested to form a Committee for the purpose of advising the Syndicate on the selection of text-books in Sanskrit for the Entrance Examinations of the University :—

Dr. K. M. Banerjea.	Pandit Maheshchandra Nyayaratna.
Dr. Rajendralala Mitra, Rai Bahadoor.	Dr. A. F. Rudolf Hoernle.
	Mr. A. E. Gough.

42. Read the proceedings of the Senate at their meeting on the 26th April.

RESOLVED—

That the letter of Mr. A. E. Gough and the Revd. J. Robertson, suggesting the expediency (1) of prescribing no text-book in the Evidences of Revealed Religion in the Honor Examination; (2) of making the History of Philosophy a compulsory subject instead of Natural Theology, be referred to the Faculty of Arts.

43. Read a letter from the Secretary to the Government of India in the Home, Revenue and Agricultural Department, stating that His Excellency the Governor General in Council is of opinion that the principle, that the Fee Fund of the University should bear all the printing charges of the University, may be applied not only to the printing of reports and other proceedings, but also to advertisements inserted by authority of the University in the *Gazette of India*, but that notices of examinations and lists of candidates being of wide general interest will not be treated as advertisements.

ORDERED—

To be recorded.

44. Read a letter from the Secretary to the Government of India in the Home, Revenue and Agricultural Department, forwarded by the Director of Public Instruction, Bengal, for the consideration of the Syndicate, suggesting that the Burmese students to be trained as Hospital Assistants for service in British Burmah may be admitted to the Medical Examinations of the University without having passed the First Examination in Arts, and that the Examiners may examine their answers, allot them marks, and determine whether they have passed the examination.

ORDERED—

That the Registrar inform the Director of Public Instruction, Bengal, that the Syndicate have no objection to admitting these students to the University hall, and to their being examined in the same papers and by the same examiners as the candidates for the medical degrees of the University.

CHARLES H. TAWNEY,

Registrar.

(Confirmed.)

DAVID B. SMITH,

Chairman.

MINUTES OF THE FACULTY OF LAW

FOR THE YEAR 1879-80.

No. 2.

THE 1ST AUGUST.

Present:

THE HON'BLE J. O'KINEALY, *in the chair.*

THE HON'BLE THE CHIEF JUSTICE OF BENGAL.
W. A. MONTRIOU, ESQ.
RAJA HARENDRA KRISHNA BAHADOOR.
MAULVI ABDOOL LUTEEF, KHAN BAHADOOR.
RAY JAGADANANDA MOOKERJEA, BAHADOOR.
H. BELL, ESQ.
ARTHUR PHILLIPS, ESQ.
BABOO ANNODAPRASAD BANERJEA.
THE HON'BLE G. G. MORRIS.
J. H. A. BRANSON, ESQ.
BABOO SYAMACHARAN SARKAR.
THE HON'BLE RAMESCHANDRA MITRA.
THE HON'BLE AMIR ALI.
A. M BOSE, ESQ.
THE HON'BLE H. T. PRINSEP.
THE HON'BLE MOHINIMOHAN RAY.
W C. BONNERJEE, ESQ.
THE HON'BLE A. WILSON.
DR. TRAILOKYANATH MITRA.
DR. GURUDAS BANERJEA.
BABOO RASBIHARI GHOSH.

45. The Faculty met to consider and report on the applications of candidates for the Tagore Law Professorship.

The names of the applicants, and the subjects on which they are prepared to deliver a course of lectures, are subjoined.

Mr. W. F. Agnew, Barrister-at-Law.	The Law of Trusts with special reference to Hindu and Mahomedan Customs.
Baboo Rajkumar Sarbadhikari, B. L.	Any one of the following:—
	I.—The origin and nature of the Srádha ceremonies, and the gradual development of the principles of inheritance in the different schools of Hindu Law.
	II.—The Joint and Undivided Family under the Hindu Law.
	III.—The Law of Adoption.

Baboo Upendronath Mitra, B. L. ..	Either of the following :—
	I.—The Hindu Law of Adoption as administered in British India.
	II.—The Law of Limitation and Prescription as administered in British India.
Baboo Golpachandra Sarkar, B. L.	Any one of the following :—
	I.—The Hindu Law of Adoption.
	II.—The Hindu Law of Succession and its Principles.
	III.—The Law regarding the Joint Hindu Family.
Baboo Amritalal De, B. L.	Any one of the following :—
	I.—The Law of Contract.
	II.—The Law of Torts.
	III.—The Law of Evidence.
Baboo Rameschandra Basu	Either of the following :—
	I —The Hindu Law of Adoption.
	II.—The Indian Mercantile Law.

The Faculty resolved to recommend to the Syndicate (1) that Mr. W. F. Agnew be appointed Tagore Professor of Law for the term of one year, from the 1st of September 1879 ; (2) that the subject of his lectures be the Law of Trusts with special reference to Hindu and Mahomedan customs.

46. It was resolved that the following gentlemen form a Committee to consider if the present scheme for the Tagore Law Lectures is working satisfactorily ; and if not, if it can be improved in any and what way :—

The Hon'ble Sir Richard Garth, Kt., *President*.
The Hon'ble Rameschandra Mitra.
W. C. Bonnerjee, Esq.
The Hon'ble Amir Ali.
Dr. Gurudas Banerjee

CHARLES H. TAWNEY,

Registrar.

(Confirmed.)

J O'KINEALY,

President.

MINUTES OF THE FACULTY OF ARTS

FOR THE YEAR 1879-80.

No. 1.

THE 2ND AUGUST.

Present:

A. W. CROFT, ESQ., *in the chair*.

THE REVD. DR. K. M. BANERJEA.
DR. RAJENDRALALA MITRA, RAI BAHADOOR, C. I. E.
MAULVI ABDOOL LUTEEF, KHAN BAHADOOR.
BABOO PRASANNAKUMAR SARBADHIKARI.
THE REVD. J. P. ASHTON.
MR. O. C. DUTT.
JOHN ELIOT, ESQ.
PANDIT MAHESCHANDRA NYAYARATNA.
A. M. BOSE, ESQ.
THE REVD. J. ROBERTSON.
ALEXANDER PEDLER, ESQ.
A. E. GOUGH, ESQ.
FRED. J. ROWE, ESQ.
REVD. W. HASTIE.

47. Read the following report of the Committee appointed to fix the extent and limits of the courses for the F. A. and B. A. Examinations in Arts :—

We, the undersigned members of the Committee appointed to fix the extent and limits of the courses for the F. A. and B. A. Examinations in Arts, have the honor to submit our report. The Committee was constituted by a vote of the Faculty of Arts at their meeting on the 25th of March 1878, but the report has been delayed by the absence of some of the members from Calcutta during the rainy season, and the pressure of the University Examinations during the cold weather. We may mention here that we thought it advisable to ask the advice of Mr. H. F. Blanford on the courses in Physical Geography, Zoology, and Geology; of Mr. A. E. Gough on the courses in Logic and Philosophy; of Mr. Pedler in Chemistry and Mineralogy; and of Dr. King in Botany: and we take this opportunity of expressing our gratitude to those gentlemen for the help so kindly afforded.

As we were appointed by the Faculty of Arts to fix the limit of subjects, we have not thought it desirable to introduce into the body of the report any list of text-books; but we have added to the report an appendix containing the titles of the manuals in some subjects which might advantageously be selected at the present time. It will be understood that we do not wish to recommend any of these works as absolutely satisfactory, as it is quite

possible that better manuals, covering much the same ground, may be published before these recommendations are carried out. They are merely added to render our definition of limits more intelligible.

We recommend that the second course in English for the F. A. Examination should consist pretty nearly of the same class of works as the compulsory course. It seems to us that the only fault to be found with the courses which the University authorities fix from year to year is that they are too short. The selections from English poets contained in them give a very inadequate idea of our poetical literature; and the English prose read is not sufficient to provide a student with a useful vocabulary for the purpose of composition. It must be remembered, also, that native students draw most of their ideas from their text-books, and the defects observable in their essay writing are faults of thought as well as faults of style. At any rate, it can hardly be denied that those students who wish to devote themselves principally to literature would benefit by a wider course of English reading. It would, perhaps, be desirable to make the second course consist chiefly of modern works.

We also recommend the study of some history of English literature, which would enable the student to look upon English literature as a whole, to trace its development historically, and to appreciate the external modifying influences at work at various periods.

The same principles might advantageously be followed in the B. A. Course, but a fuller knowledge of the history of English literature should be required. Our omission of technical grammar from this course is intentional, as we wish to encourage principally a *practical* familiarity with the English language.

We are of opinion that in the second course in the classical language for the F. A. and B. A. Examinations, not only should a longer list of books be prescribed, but some knowledge of the history of literature and of antiquities should be imperatively required.

We recommend for the compulsory history course in the F. A. Examination the Outlines of the History of Greece and Rome, and a special period of Modern History.

For the optional course we recommend a general sketch of European History, and a special period of Ancient History.

For the B. A. Examination we recommend the History of England, Political Economy, and the history of two of the following countries—India, Greece, Rome.

The third language taken up in the F. A. and B. A. Courses should be either a second European or Asiatic classic, or French or German.

The course in Comparative Grammar should, in our opinion, embrace a general knowledge of the ascertained facts in linguistic science, and the special philology of the English language. The latter subject necessarily involves some knowledge of the relations of our tongue to kindred Aryan dialects.

In the subjects of Logic and Philosophy for the F. A. Standard we propose the following courses :—

In Logic—

Definition of Logic: the fundamental logical laws and principles of consistency: the concept; the term and its divisions, extension, comprehension, denotation, connotation: the judgment, the proposition and their divisions: the distribution of terms, the theory of predication: definition, division, opposition, conversion: the syllogism; its theory, its rules, its moods and figures, reduction: exercises in the detection of fallacies *in dictione*.

In Psychology—

The present state of opinion as regards the origin of knowledge and nature of first principles: consciousness: subject, object, and their relation in cognition: perception, acquired perceptions: memory, imagination, conception, mental association: thought, limits of thought.

We think it sufficient for First Arts students to possess a general knowledge of the state of current opinion as it is presented in modern works on Psychology: to know in outline what are the chief points at issue between thinkers of various schools; and to defer to a later stage the much more intricate study involved in the history of opinions and the changes by which they have gradually assumed their present form.

Accordingly, we recommend the following course in Philosophy for the B. A. degree :—

(*a*) Psychology, including the Psychology of Ethics;
(*b*) The History of European Philosophy, ancient and modern;
(*c*) Pure Logic, with the outlines of the History of Logic;
or
The History of Moral Systems,
or
Natural Theology.

The Committee think that the present courses in Mathematics are open to many objections. The objects to be gained by a mathematical training are a thorough study of the more important mathematical processes as specimens of exact reasoning, and the utilization of these as methods of calculation and investigation. The study of the simplest and most direct methods ought to be encouraged. Hence the prolonged study of Euclid, and the exclusion of the simpler methods of modern Geometry *as* at present are, in our opinion, very objectionable. Again, since any genuine advance in mathematical methods can only be based upon a clear and precise acquaintance with the preceding methods which lead up

to it, it appears to us that there should be a distinct recognition of this fact in each examination, and that the papers should include questions not merely in the special portions of the course, but in all those subjects which are necessarily antecedent to it, and the methods and results of which are employed in these special subjects.

The Committee propose the following arrangement of subjects for examination in the First Arts :—

A Course. Optional. Pure Mathematics—
Algebra, Geometry.
Logarithms and Trigonometry.

B Course.
Compulsory. Pure Mathematics—
Algebra, Geometry.
Logarithms and Trigonometry.
Optional. Pure Mathematics—
Analytical Plane and Solid Geometry.

And for the examination for the B. A.—

A Course. Pure Mathematics—
Analytical Plane and Solid Geometry.

Or for those who have taken up Analytical Geometry for the First Arts Course—

Differential and Integral Calculus.

B Course.
Pure Mathematics—
As in the A course.
Mixed Mathematics—
Statics.
Hydrostatics.
Dynamics.
Hydrodynamics.

The limits of the course in each subject is indicated by the following :—

PURE MATHEMATICS.

Algebra—

Quadratic equations: theory of quadratic equations and expressions; imaginary expressions; arithmetical, geometrical, and harmonical progressions; permutations and combinations; binomial and exponential theorems; partial fractions and elements of the method of indeterminate co-efficients.

Geometry—

Simple problems in the Geometry of the straight line, triangle and circle (as in Reynold's Modern Methods of Elementary Geometry, or Wilson's Geometry, Part I).
The more important properties of the parabola and ellipse.

Trigonometry—

Methods of measuring angles.
Trigonometrical ratios, and the simple relations connecting them.
Relation between trigonometrical ratios of angles differing by multiples of right angles.

Trigonometrical transformations.
Solution of triangles.
Properties of triangles.
Area of a circle.
Demoivre's theorem.
Expansion of the sine and cosine of an angle in terms of its circular measure.

Logarithms—

The properties of logarithms.
Logarithmic series.
The use of logarithmic tables.
Proportional parts.

Algebraic Geometry—

The optional course for the F. A. will include—

Rectangular and polar co-ordinates.
Transformation of co-ordinates.
Straight line.
Circle.
Parabola.
Ellipse.

The course for the B. A. will require a more thorough knowledge of the preceding, and will also include the following:—

The Hyperbola.
The general equation of the second degree.
Pascal's and Brianchon's theorems.
Methods of abridged notation.

Differential Calculus—

Definition of differential co-efficients.
Differentiation of functions of a single variable.
Successive differentiation.
Taylor's and Maclaurin's theorems, and their simpler applications.
Evaluation of functions which assume an indeterminate form.
Differentiation of implicit functions.
Maxima and minima values of functions of one variable.
Tangents, normals, asymptotes, curvature, singular points, evolutes, involutes.
Tracing of curves.

Integral Calculus—

Integration of simple functions of a single variable.
Integration of rational fractions.
Integration by formulæ of reduction.
Determination of lengths and areas of curves.

Solid Geometry—

The course for the F. A. Optional Mathematics will include—

Rectangular and polar co-ordinates.
Transformation of co-ordinates.
Plane.
Sphere.
Ellipsoid.
Cylinder.
Cone.
The straight line.

The course for the B. A., in addition to a more thorough knowledge of the preceding, will also include—

Paraboloids.
Hyperboloids.
Curves in space (tangents, normals, curvature).

MIXED MATHEMATICS.

Statics—

Parallelogram and triangle of forces.
Resultant of parallel forces.
Couples.
Moments.
Equilibrium. Conditions of equilibrium of any forces acting on a particle or rigid body.
Centre of parallel forces.
Centre of gravity.
Friction.
Simple cases of tension of strings.
Levers. Pulleys. Wheel and axle. Inclined plane. Screw.
Virtual velocities.

Dynamics—

Definition and measurement of mass, force, velocity, acceleration, momentum work and energy.
Laws of motion.
Uniform motion.
Uniformly accelerated motion—
(*a.*) In a straight line.
(*b.*) In a parabola.
(*c.*) In a circle.
Simple cases of impact.

Hydrostatics—

The transmission and intensity of fluid pressure.
Determination of component and resultant fluid pressures in simple cases.
Centre of pressure.
Conditions of equilibrium of floating bodies.
Metacentre.
Properties of elastic fluids and determination of pressure.
Specific gravity and the methods of determining it.
Measurement of heights by the barometer.
Mixture of gases.
Description of the barometer, air-pumps, common and force pumps, the diving bell, the balloon, siphon, and Bramah's press as applications of hydrostatical principles.

Hydrodynamics—

Pressure at a point of a moving fluid.
The pressure at any point of a liquid mass rotating uniformly about a vertical axis.

The course in Physical Science has been divided by the Committee into two—one, an elementary course for F. A. students, comprising those subjects which require a limited knowledge of mechanical and physical principles; the second course, that for the B. A., requiring a more extended and deeper knowledge of the

subjects included in the F. A. Examination in Physical Science, and an acquaintance with those branches of Physics which demand a wider knowledge of mechanical and physical principles. The Committee think that each course should include an exact acquaintance with the mechanical and physical principles necessary for an intelligent comprehension of the course. The Committee propose the following arrangement of subjects:—

FOR THE F. A. EXAMINATION.

(*a.*) A general acquaintance with the properties of matter, solid, liquid and gaseous; and the actions of matter as measured by force and motion.

(*b.*) An elementary course in—

1. Heat.
2. Geometrical optics.
3. Frictional Electricity.
4 Magnetism.

FOR THE B. A. EXAMINATION.

(*a.*) An elementary acquaintance with the Mathematics of wave motion, potential, and the measurement of elasticity.

(*b.*) A more complete knowledge of the subjects of the F. A. Course in Physical Science.

(*c.*) A knowledge of—

1. Sound.
2. Polarization of Light.
3. Dynamical Electricity.

The following syllabus defines generally the limits of the subjects:—

F. A. EXAMINATION.

General Ideas—

Units of measurement. Definition of mass, force, motion.
Laws of motion.
Work and energy: measurement of each.
Chief forces of nature.
General properties of solids, liquids, and gases.
Conditions of equilibrium of a mass acted on by forces.
Motion of translation and rotation.
Pressure of fluids and gases: measurement of pressure.
Equilibrium of floating bodies.
Specific gravity and its determination.
Motion of a pendulum, and of the torsion pendulum or balance.
Diffusion of liquids and gases.
Conservation and transmutation of energy.

Heat—

Laws of expansion of solids, liquids, and gases under heat.
Determination of co-efficients of expansion.
Measurement of temperature.
Maximum density of water.
Changes of molecular state, and latent heat of molecular changes of state.
Influence of changes of pressure on the boiling point and melting point.
Regelation theory.

Laws of pressure of gases.
Elastic force of vapour; dew point, and its determination.
Formation of dew and clouds.
Radiant heat: laws of the absorption and radiation of heat.
Conduction of heat: definition of thermal conductivity.
Convection.
Phenomena of combustion.
Measurement of quantities of heat; units of heat; specific heat; determination of specific heat.
Steam engines.

Light—

Laws of transmission of light and of its intensity.
Determination of the velocity of light.
Shadows.
Images produced by small apertures.
Photometry.
Reflection of light.
Determination of foci, focal lengths and images of plane and spherical mirrors.
Refraction of light.
Critical angle.
Determination of images, foci, and focal lengths of plane and spherical refracting surfaces.
Properties of prisms and lenses.
Telescope, microscope, spectroscope, the human eye.
Principles of binocular vision.
Decomposition of light.
Chromatic aberration.

Frictional Electricity—

Electrical attractions and repulsions.
Properties of conductors and non-conductors.
Electrical induction.
Electrical force and density.
Electrical distribution on conductors.
Power of points.
Ramsden's and Armstrong's machines.
Condenser; electrophorus; Leyden jar.
Electric discharges.
Atmospheric electricity.
Determination of laws of electric action by the torsion balance.

Magnetism—

Properties of permanent and artificial magnets.
Magnetic induction.
Phenomena of terrestrial magnetism.
Determination of declination, dip and intensity of the magnetic force of the earth.
The compass needle.
Methods of magnetization.
Determination of magnetic laws of action by the torsion balance.

B. A. EXAMINATION.

(*a.*) *General Ideas*—

1. Wave motion—

Measurement of simple or harmonic wave motion.
Combination of wave motions.
Resolution of complex wave motion into simple or harmonic wave motions.

2. Potential—

Definition of potential.
Calculation of potential in simple cases.
Determination of force from the potential.
Fundamental propositions respecting lines of force, equi-potential surfaces, and tubes of force.

3. Elasticity—

Definition of elasticity.
Measurement of elasticity in cases of solids, liquids, and gases.
Distinction between, and determination of, elasticity of constant temperature and of constant entropy for gases.

Heat—

In addition to a more thorough acquaintance with the subject as for the F. A. Examination, and a greater power of working problems on heat, an elementary knowledge of the principles of thermo-dynamics will be required.

Light—

In this subject more difficult questions in the determination of foci, focal lengths, &c., will be required than for the F. A. Examination. Also the following :—

Spherical aberration.
Dispersion.
The formation of rainbows.

Frictional Electricity and Magnetism.

These subjects must be now taken up in connection with potential.

Sound—

The laws of the production and propagation of sound determined experimentally.
Intensity, pitch, and quality of sounds.
The velocity of sound in air and other media. Doppler's principle.
Reflection and refraction of sound.
Measurement of sound vibrations, and wave lengths of air.
Resonance.
Interference of sound waves. Beats.
Harmonic tones, their generation and function in sound.
Longitudinal vibration of rods and columns of air.
Transverse vibration of strings.
Formation of Chladni's figures.
Vibrations of a tuning fork and a bell.
Nature of musical sounds.
Vocal organs of man.

Dynamical Electricity—

Voltaic batteries as sources of electric currents.
Action of currents on magnetic needles. Galvanometers.
Thermo-electric currents.
Definition and measurement of electric force, conductivity, resistance and current.
Ohm's law and its simpler applications.

Laws of action of currents on currents, and their simpler applications.
Solenoids. Ampere's theory of magnetism.
Electro-magnets.
Mechanical, chemical, and heating effects of currents. Electrolysis.
Induced currents, their modes of generation and laws of action.
Ruhmkorff's coil.
Electro-magnetic currents.
Electro-magnetic machines; the more important details of the working of telegraphs.
Theories of electricity.

Polarization of Light—

Undulatory theory of light.
Reflection and refraction of light.
Prismatic analysis of light.
Achromatism.
Explanation of lines in the solar and other spectra.
Interference of light.
Diffraction of light.
Measurements of wave lengths of light.
Colours of thin plates.
Double refraction.
Polarization of light by reflection, refraction, and double refraction.
Interference of polarized light as shown by double refracting crystals. Polariscopes.
Elliptic and circular polarization.
Rotatory polarization.

In the F. A. Examination for the subject of "Inorganic Chemistry," we beg to recommend that this shall be considered to include a knowledge of elementary physical laws sufficient for the clear understanding of the various facts and phenomena of Inorganic Chemistry. Thus we shall include the subjects of—

The constitution of Matter.
Gravitation, density, and specific gravity.
Cohesion and adhesion. The physical properties of gases, including the diffusion of gases, &c.
Sources of heat, action of heat on bodies, expansion, measurement of temperature; conduction, convection, specific heat, atomic heat, latent heat, &c.

Under Chemistry the following general considerations should be included :—

Definition of chemistry; differences between chemical action and the action of the physical forces; simple and compound matter; different modes of chemical action, combining weights, volume weights, principles of chemical nomenclature, symbolic notation, graphic notation, chemical equations, atoms and molecules; general knowledge of atomicity of elements; simple and compound radicals; classification of elements.

Candidates for examination should also possess a fairly complete knowledge of the modes of occurrence, methods of preparation, properties, uses, and general characters of the following elements, of their allotropic modifications, and of their principal and best known compounds.

Non-metals—

Hydrogen, Fluorine, Chlorine, Bromine, Iodine.
Oxygen (and Ozone).
Boron.
Carbon, Silicon.
Nitrogen, Phosphorus, Arsenic.
Sulphur.

The course should also include—

The distinctions between non-metals and metals.
Acids, bases, and salts.
The constitution of salts.
The principles of Crystallography.

Also a knowledge of the methods of preparation, properties and uses, of the following metals and their principal salts :—

Sodium, potassium, ammonium, silver.
Calcium (glass manufacture, &c.), magnesium, zinc, copper, mercury.
Gold.
Lead, tin, platinum, aluminium (porcelain, pottery, &c.).
Antimony, bismuth.
Chromium, manganese, iron.

For the subject of Chemistry in the B. A. Examination, we should recommend that, in addition to a more extended and complete knowledge of the physical subjects given for the F. A., the course should include the following branches :—

Heat—

Heat of combustion, absolute thermal effects, and pyrometric thermal effects of chemical combination, theory of flame, theories of the source of light in luminous flames, &c.

Light—

Reflection and refraction, dispersion, spectrum analysis, chemistry of light, photography, fluorescence, &c.; double refraction and polarization, saccharimeters.

Magnetism—

Magnetism, magnetic polarity, natural and artificial magnets, diamagnetism.

Electricity—

Two kinds of electricity; insulators and conductors; sources of electricity, electricity developed by chemical action, voltaic electricity, voltaic batteries, electrolysis, laws of electrolysis, electro-plating, electro-gilding, &c.

A more complete knowledge of the chemical subjects included in the F. A. Examination should be required, and, in addition, a knowledge of the following general considerations will be necessary :—

General laws of chemical combination, equivalents, atomic weights, physical and chemical relations of atomic weights, specific or atomic volume, a more complete knowledge of the subject of atomicity and quantivalence, artiads, perissads, &c.; variation of equivalency, absolute latent and active atomicity, relations between atomic weight and quantivalence, chemical affinity, influence of pressure on chemical action, relations of heat to chemical affinity, &c.; physical properties of metals, chemical relations of metals, alloys,

general characters and general methods of preparation of compounds of metals with non-metals, theory of normal, acid, and basic salts, isomorphism, the principles of qualitative analysis, &c.

In addition to the elements named in the list for the F. A. Course, of which a more complete knowledge must be shown, the following elements must be studied :—

Selenium, Tellurium, Lithium, Caesium, Rubidium, Barium, Strontium, the earth metals, Cadmium, Indium, Gallium, Titanium, Vanadium, Uranium, Tungsten, Molybdinum, Nickel, Cobalt, and the Platinum metals.

A knowledge of the methods used in the manufacture of the more important acids, salts, &c., employed in the arts and manufactures will be required. A knowledge of metallurgical operations, such as employed in the preparations of iron, zinc, copper, lead, tin, mercury, silver, and aluminium will be necessary.

In Organic Chemistry a knowledge of the following subjects should be required :—

General considerations.
Definition of organic bodies, synthesis from inorganic materials, decompositions and transformations of organic compounds, analysis of organic bodies.
Determination of the specific gravity of gases and vapours.
Determination of empirical, rational, and constitutional formulæ ; theory of types, classification of organic compounds, organic series, constitutional formulæ of organic compounds, theory of types.
Isomerism, metamerism, and polymerism ; physical properties of organic compounds.

A knowledge of some few typical compounds in each of the different classes of organic compounds will be required, and also the methods of preparation, properties, and general relations of the more important compounds derived from the principal series of radicals, such as $C_n H_{2n+1}$, $C_n H_{2n}$, $C_n H_{2n-1}$, $C_n H_{2n-2}$, $C_n H_{2n-7}$, &c.

A fair knowledge of the cyanogen compounds, of sugar, starch, gum, turpentines, alkaloids, &c., will also be required.

The course of Mineralogy for the B. A. Examination should be considered to include the following subjects :—

1. General characteristics of minerals.
2. Crystallography or the structure of minerals, fundamental forms of crystals, cleavage, secondary forms, compound crystals, dimorphism, irregularities of crystals, measuring angles of crystals, massive minerals, columnar structure, lamellar and granular structure, pseudomorphous crystals, &c.
3. Physical properties of minerals ; lustre, colour, diaphaneity, refraction and polarization, phosphoresence, electricity and magnetism, specific gravity, hardness, state of aggregation, fracture, taste, odour, &c.
4. Chemical properties of minerals, action of acids, &c., on minerals, blow-pipe re-actions of minerals, &c.
5. Classification of minerals.
6. Description and recognition of minerals, and rocks or mineral aggregates. The physiography or systematic description of minerals should include all the more remarkable varieties as well as species, and should take especial

note of the modes and places of occurrence, as well as of the association of particular groups of minerals in certain veins and formations. It cannot, of course, be expected that this subject should include the description of the rarer substances or of those species whose characters are not yet well ascertained; but attention should be given chiefly to those species which form the constituents of rocks, and those which, as ores, supply the materials for the production of the useful metals. Candidates must also be able to recognize the more important minerals, rocks, &c., as above indicated.

7. Chemical composition and formulæ of minerals, &c.

Physical Geography—

The form and density of the earth and modes of ascertaining them. The distribution and characteristic geographical phenomena of land and water. Climate and its determining causes. The inorganic Physical Geography of India.

Zoology—

Embryonic development and comparative anatomy of the principal orders of animals, ordinal classification of the animal kingdom, and generic classification of one selected order of Vertebrata and one of Invertebrata to be notified beforehand. The geographical distribution and habitats of animals. The species of the mammals of India, omitting the micro-mammalia, *viz.*, Insectivora, Rodentia and Chiroptera, and the Indian genera of one order of Reptilia and one of Aves, to be previously notified.

Geology—

The classification, structure, and formation of rocks. The evidence of past changes afforded by their present condition, and a practical acquaintance with their mineral characteristics to be tested by specimens. The generic determination of the most characteristic fossil forms, and the indications of age and habitat which they afford. A practical knowledge of fossil forms to be tested by specimens. A general knowledge of the Geology of Great Britain and Western Europe, and a more detailed knowledge of the Geology of India. An acquaintance with geological maps to be tested by the construction of a geological section from a given map.

Botany—

The morphology and histology of flowering plants; the general principles of their classification on the systems of Linnæus and de Candolle, with a detailed acquaintance with the characters of the following natural orders:

Anonaceæ.	Apocyneæ.
Menispermaceæ.	Asclepiadaceæ.
Nymphœaceæ.	Convolvulaceæ.
Papaveraceæ.	Solanaceæ.
Cruciferæ.	Boragineæ.
Malvaceæ.	Acanthaceæ.
Sterculiaceæ.	Verbenaceæ.
Tiliaceæ.	Labiatæ.
Aurantiaceæ.	Amarantaceæ.
Ampelideæ.	Urticaceæ.
Anacardiaceæ.	Euphorbiaceæ.
Leguminosæ.	Palmeæ.
Myrtaceæ.	Aroideæ.
Combretaceæ.	Commelynaceæ.
Cucurbitaceæ.	Orchidaceæ.
Umbelliferæ.	Scitamineæ.
Rubiaceæ.	Cyperaceæ.
Compositæ.	Gramineæ.

A general acquaintance with the morphology, histology, and classification of Cryptogams.
Vegetable Physiology.
The chemistry of vegetable life.
Geographical distribution of plants.
Palæobotany.

A. W. CROFT.
J. ELIOT.
MAHENDRALAL SIRCAR.
CHARLES H. TAWNEY.

Note by Mr. A. M. Bose.

I agree generally with the recommendations of my colleagues; but there are two or three points on which I am obliged to differ from them.

I.—I think the Mathematical Course for the B. A. Examination, as set forth in the report, ought to be modified.

(i.) The course in Pure Mathematics, proposed in the report, seems to me to require being considerably extended. The scheme of study adopted by the Faculty of Arts at its meeting of 18th February 1878, reduces the number of subjects in the B. A. Course from 5 to 3; so that when the scheme is carried out, there will be about eight months' time, which can be regarded on the average as being exclusively devoted to each subject. I think in that time a student ought to be able to read a great deal more than Analytical Plane and Solid Geometry. A striking confirmation of this view will be afforded by the following comparison between the subjects at present taken up and studied by candidates for Mathematical Honors in one year, and those proposed for the eight months' Course in the report.

Present one year's Course for Mathematical Honors.	*Proposed eight months' Course for the B. A. Examination.*
1. Solid Geometry.	1. Analytical Plane Geometry.
2. Differential Calculus.	2. Solid Geometry.
3. Integral Calculus.	
4. Spherical Trigonometry.	
5. Statics.	
6. Dynamics.	
7. Hydrostatics, Hydraulics, and Pneumatics.	
8. Optics.	
9. Astronomy.	

I would propose that at least Differential Calculus, if not also Integral Calculus, should be added to the course in Pure Mathe-

matics. And in the case of those who have already taken up Analytical Geometry for the First Arts Examination, Spherical Trigonometry, Theory of Equations, and chapters, either from higher Algebra or from Differential Equations, be prescribed in addition to Differential and Integral Calculus.

(ii.) Instead of the proposed course in Mixed Mathematics for the B. A. Examination, I would suggest the following :—

Statics,
Dynamics,
Hydrostatics, Hydraulics and Pneumatics,
Optics,
Astronomy,

so far as these subjects can be treated without the help of Calculus (that is, pretty nearly coinciding with the limits assigned in the present F. A. and B. A. Examinations). This alteration seems to me to be necessary, as the intention of the Faculty was evidently to make it possible that a course of Mixed Mathematics might be taken up independently of Pure Mathematics (see Minutes, 1877-78, page 113). But in the case of those who have also taken up Pure Mathematics, I would extend the limits of Statics and Dynamics so as to embrace the course at present prescribed in those subjects for the Honor Examination.

II.—In examinations intended mainly for Indian students, a special recognition is due, I think, to the claims of Indian Philosophy, History and Classics; and in this view I would suggest the following slight alterations :—

(i.) In the place of—

(*b.*) The History of European Philosophy, Ancient and Modern, in the proposed course in Philosophy for the B. A. Examination, I would substitute—

(*b.*) The History of European and Indian Philosophy, it being left optional with the Syndicate to select special periods if necessary.

(ii.) In the optional course in History for the First Arts Examination, I would add to "a general sketch of European History and a special period of Ancient History" the words "or of Indian History including Indian Antiquities."

(iii.) In the course for Comparative Grammar, I would include the special philology of the Sanscrit language as an alternative course with that of the English language.

A. M. BOSE.

APPENDIX.

MANUALS RECOMMENDED.

FIRST ARTS.

ENGLISH LITERATURE.

Primer of English Literature, by Stopford Brooke, M.A.

BACHELOR OF ARTS.

The Students' Manual of English Literature, by Shaw.

FIRST ARTS.

HISTORY.

Compulsory Course.

History of Greece—Fyffe.
History of Rome—Creighton.
Special Period—One of the epochs of Modern History, edited by E. E. Morriss, M.A., and Surtees Philpotts, B.C.L.

Optional Course.

Freeman's General Sketch of European History—One of the epochs of Ancient History, edited by the Revd. S. W. Cox, M. A., and C. Sankey, M.A.

BACHELOR OF ARTS.

England—Green's Short History of the English People.
Rome—Liddell's Shorter History.
Greece—Dr. Smith's Students' Greece.
Political Economy—Fawcett's Manual of Political Economy.

COMPARATIVE GRAMMAR.

Peile's Primer of Philology.
Earle's Philology of the English Tongue.

FIRST ARTS.

PSYCHOLOGY.

Masson's Recent British Philosophy;
or
McCosh's Examination of J. S. Mill's Philosophy;
or
McCosh's Intuitions of the Mind, pages 1—242;
or
Mansel's Metaphysics, pages 1—281;
or
Bain's Mental and Moral Science, Books I, II, pages 1—214;

FIRST ARTS.

LOGIC.

Thomson's Laws of Thought;
or
Bain's Logic, Part I, Deduction, pages 1—227, omitting the Appendix;
or
Fowler's Deductive Logic, with Mill's Logic, Books I, II.

BACHELOR OF ARTS.

Psychology

Hamilton's Lectures on Metaphysics, and Mansel's Metaphysics,
or
James Mill's Analysis of the Phenomena of the Human Mind, edited by Bain, Grote, and Findlater,
or
McCosh's Intuitions of the Mind

History of Philosophy

Ueberweg's History of Philosophy, omitting the Appendix,
or
Lewes's Biographical History of Philosophy, 2 volumes,
or
Schwegler's Hand book of the History of Philosophy, with a few short original texts in English, *e g*, Plato's Apology, Republic I—IV, Aristotle's Ethics I—IV and X, Descartes' Discourse on Method, Berkeley's Principles of Human Knowledge, or Berkeley's Dialogues of Hylas and Philonous Kant's Prolegomena, by Mahaffy, Fichte's Nature of the True Scholar, by W Smith.

BACHELOR OF ARTS.

Logic

Hamilton's Lectures on Logic and Mansel's Prolegomena Logica (The Appendix to Hamilton's Lectures to be omitted),
or
Ueberweg's System of Logic and History of Logical Doctrines

Moral Systems

Bain's Mental and Moral Science (Ethics), pages 429—702, with Plato's Republic I—IV, Aristotle's Ethics I—IV and X, Zeller's Stoics and Epicureans, translated by Reichel, Butler's Sermons I—III, and Dissertation on Virtue.

Natural Theology.

McCosh's Method of the Divine Government;
or
Mansel's Limits of Religious Thought and Philosophy of the Conditioned, and Butler's Analogy, Part I.

Physical Science

The following text-books are recommended for the F. A. Course:—

Clerk Maxwell's Matter and Motion
Ganot's Elements of Physics
Deschanel's Natural Philosophy
Golding Bird and Brooke's Natural Philosophy
Tyndall's Heat
Tyndall's Light
Tyndall's Frictional Electricity

In addition to the above, the following are recommended for the B. A. Course:—

Balfour Stewart's Heat.
Tyndall's Sound
Lommel's Optics

Cumming's Theory of Electricity.
Spottiswoode's Polarization of Light.
Roscoe's Spectrum Analysis.
Schellen's Spectrum Analysis.

Text-books in F. A. Chemistry—

Fowne's Inorganic Chemistry.
Lecture Notes for Chemical Students (Vol. I, Inorganic Chemistry), by E. Frankland.
Roscoe's Chemistry.
Chemistry for Students, by A. W. Williamson.

Text-books in Chemistry for B. A.—

In addition to the books recommended for the F. A. Course, the following are suggested for the B. A. Course :—

Fownes' Organic Chemistry.
Lecture Notes for Chemical Students (Vol. II, Organic Chemistry), by E. Frankland.
Miller's Chemistry, 3 volumes (new edition).
Chemistry, Inorganic and Organic, by C. L. Bloxam.
Jones' Practical Chemistry.
Text-book of Practical Chemistry, by W. Valentin.
Qualitative Analysis, by W. Valentin.
Treatise on Chemistry, Roscoe and Schorlemmer.
Armstrong's Organic Chemistry.

Text-books recommended for the course in Mineralogy—

Manual of Mineralogy, by J. D. Dana.
Elements of Mineralogy, by J. Nicol.
System of Mineralogy, by J. D. Dana.
Mineralogy, by Brooke and Miller.

GEOLOGY.

Books recommended—Lyell's Principles and Elements of Geology, and Students' Manual; Nicholson's Palæontology; Dana's Manual of Geology; Jukes's Physical Geology; The Manual of Indian Geology, and the Memoirs* and Records* of the Indian Geological Survey, *Palæontologica** *Indica.*

ZOOLOGY.

Books recommended—Huxley's Introduction to Classification; Nicholson's Zoology; Jerdon's Mammals and Birds of India; Günter's Reptiles of India; Theobald's Descriptive Catalogue of Reptiles of British India; Huxley's Anatomy of Vertebrate Animals*; Huxley and Martin's Elementary Biology;* Foster and Balfour's Elements of Embryology.*

BOTANY.

Text-books recommended—

For Morphology, Histology, Physiology, Chemistry, Geographical Distribution and Palæobotany—Henfrey's Elementary Course of Botany by Masters; Thomé's Text-Book translated by Bennet.

For Systematic Botany—Henfrey's Elementary Course; Oliver's First Book of Indian Botany.

* Those thus marked for reference.

Mr. Eliot proposed that the report be adopted.

Mr. Pedler seconded the motion.

Mr. A. M. Bose proposed the following amendments :—

(1.) That the course in Pure Mathematics for the B. A. Examination be the following—

(*a.*) Analytical Plane Geometry, as far as General Equations of the Second Degree;

(*b.*) Analytical Solid Geometry, as far as the Hyperboloid;

(*c.*) Differential Calculus, as far as maxima and minima values of functions of one variable ;

(*d.*) Integral Calculus as far as Integration of Rational Fractions;

or

for those who have taken Analytical Geometry for the First Arts Examination—

(*a.*) Differential Calculus.

(*b.*) Integral Calculus.

(*c.*) Spherical Trigonometry, as in the present Honor's Course.

(*d.*) Theory of Equations.

(2.) That instead of the proposed course in Mixed Mathematics for the B. A. degree, the following should be adopted for those students who take up Mixed Mathematics together with Physics or Chemistry :—

Statics,
Dynamics,
Hydrostatics, Hydraulics, and Pneumatics,
Optics,
Astronomy,

so far as these subjects can be treated without the help of the Calculus. And that in the case of those who take up Pure and Mixed Mathematics for the B. A. degree, the subjects of Statics and Dynamics should embrace the course now prescribed in these subjects for the Honor Examination.

(3.) That for (*b*) "The History of European Philosophy, ancient and modern," be substituted (*b*) "The History of European and Indian Philosophy," it being left optional with the Syndicate to select special periods if necessary.

(4.) That in the optional course in History for the First Arts Examination, after the words "a general sketch of European History and a special period of Ancient History" be added the words "or of Indian History including Indian Antiquities."

(5.) That in the course in Comparative Grammar, the special Philology of the Sanskrit language be included as an alternative course with that of the English language.

Dr. K. M. Banerjea seconded the amendments.

Dr. Rajendralala Mitra proposed as an amendment—

(1.) That the history of English Literature be omitted from the First Arts Course.

(2.) That the recommendation, that the second course in the classical language for the F. A. and B. A. Examinations should have a longer list of books, be omitted, and that Antiquities should not be included.

(3.) That the Mathematics should be the same as at present.

(4.) That in the list of manuals recommended in Chemistry, the works of Miller, Bloxam, Jones, and Armstrong be omitted.

Mr. O. C. Dutt seconded the amendment.

The Revd. J. Robertson proposed, that for the words "the history of two of the following countries, India, Greece, Rome," be substituted the words "the history of one of the following countries, India, Greece, Rome."

The Revd. Dr. K. M. Banerjea seconded the motion.

The Revd. W. Hastie proposed that the report be received, but that the discussion of its details be deferred till the Committee bring in a similar report embodying a definition of the extent and limits of the subjects for graduation in Honors, and containing their suggestions upon the amendments proposed at this meeting.

The Revd. J. P. Ashton seconded the amendment.

The amendment was carried.

48. It was resolved that the Committee should consist henceforth of the following gentlemen :—

A. W. Croft, Esq.	H. F. Blanford, Esq.
John Eliot, Esq.	A. M. Bose, Esq.
A. E. Gough, Esq.	Dr. Mahendralal Sircar.
Revd. J. Robertson.	Revd. W. Hastie.

A. Pedler, Esq.

CHARLES H. TAWNEY,
Registrar.

(Confirmed.)

A. W. CROFT,
President.

MINUTES OF THE SYNDICATE

FOR THE YEAR 1879-80.

No. 3.

THE 16TH AUGUST.

Present:

DR. D. B. SMITH, *in the Chair*.

A. W. CROFT, ESQ.
THE HON'BLE H. T. PRINSEP.
A. M. BOSE, ESQ.
THE REVD. J. ROBERTSON.

49. The Registrar reported that the Hon'ble J. O'Kinealy, President of the Faculty of Law, before leaving Calcutta had appointed the Hon'ble H. T. Prinsep to officiate for him as member of the Syndicate during his absence.

50. Read a letter from Mr. J. W. McCrindle, resigning the office of Examiner in History for the next F. A. and B. A. Examinations.

RESOLVED—

That the Revd. J. Robertson be appointed Examiner in History in the place of Mr. J. W. McCrindle.

51. Read an application from Hiranand Showkiram Advoni, a pupil in the Hare School, praying the Syndicate to allow him to translate into Sindhi the paper set on the afternoon of the second day of the Entrance Examination.

RESOLVED—

That the applicant's petition be granted.

52. Read a letter from the Director of Public Instruction, British Burmah, in answer to a letter addressed to him by the Registrar in accordance with the order of the Syndicate at their meeting on the 19th of April 1879, forwarding copy of a letter from Professor Forchhammer, stating that there are at present no Pali texts printed which are available or suitable for the Burmese student, and recommending the following general selection in Pali for the several Examinations of the University:

Entrance Examination.—Selections from the "Jatakas."

F. A. Examination.—"Dhammapada and Buddhavamsa."

B. A. Examination.—"Samantapatthana and (patthanam) and Kaccayana."

ORDERED—

That the Registrar write to the Director of Public Instruction, British Burmah, enquiring when he can guarantee the publication of these texts.

53. Read a letter from Messrs. Trübner and Co., forwarding a copy of Professor Dowson's Classical Dictionary of Hindu Mythology, and soliciting the patronage of the Senate of the University of Calcutta.

ORDERED—

To be recorded.

54. Read the proceedings of the Faculty of Law at their meeting on the 1st of August 1879.

RESOLVED—

(1.) That a meeting of the Senate be summoned for the 30th of August for the purpose of electing a Tagore Professor of Law, and that the names of the gentlemen who are candidates for the Professorship be circulated to the Senate.

(2.) That on proceeding to elect a Professor from the candidates whose names are before the meeting, the following proposal be submitted: that Mr. W. F. Agnew, who has been recommended by the Faculty of Law, be elected Tagore Professor of Law for the term of one year, from the 1st of September 1879, and that the subject for the Professor's lectures be the Law of Trusts with special reference to Hindu and Mahomedan customs, as recommended by the Syndicate in consultation with the Faculty of Law and Mr. W. F. Agnew.

55. Read the proceedings of the Faculty of Arts at their meeting on the 2nd of August 1879.

ORDERED—

To be recorded.

56. Read the following letter from the Junior Secretary to the Government of the North-Western Provinces and Oudh (No. 177, dated Naini Tal, the 7th of August 1879) :

"In reply to your letter No. 391, dated 3rd April 1879, I am directed to state that the Lieutenant-Governor and Chief Commissioner considers that all candidates for the B. A. Examination from the North-Western Provinces and Oudh should in future proceed to Calcutta. His Honor is not prepared to sanction the payment of any fee to Mr. Deighton, or to any other supervising officer, from Provincial Revenues. If on this understanding the Syndicate chooses to allow students to be examined, as heretofore, at Agra, there is no objection ; but otherwise the Agra Examination must be abandoned, and all intending candidates from these provinces will be instructed to proceed to Calcutta. I am to request an early reply."

ORDERED—

That the following reply be sent :—

"I have the honor to acknowledge receipt of your No. 177 of 1879, dated the 7th of August 1879; and in reply to state that, in consideration of the large number of affiliated colleges in the North-Western Provinces and Oudh and the hardship which the immediate discontinuance of Agra as a centre of examination might inflict upon the students of these colleges, the Syndicate are unwilling at present to recommend to the Senate such an alteration in the regulations for the degree of Bachelor of Arts as would compel all intending candidates to come to Calcutta.

I am therefore directed to inform you that the Syndicate are willing to pay Rs. 200 to any officer whom His Honor the Lieutenant-Governor of the North-Western Provinces and Oudh may see fit to depute to superintend the next B. A. Examination at Agra.

I am also to point out that it appears from the letter of the Secretary to the Government of the Punjab, No. 1060, dated the 21st of March 1879, (copy of which was forwarded with this office letter No. 391, dated 3rd April 1879,) that the Hon'ble the Lieutenant-Governor of the Punjab is prepared to continue the fee annually paid to the officer superintending the B. A. Examination at Agra."

57. Read opinions from the heads of affiliated institutions in answer to Circular No. 447, enquiring what steps ought to be taken in order to ensure greater uniformity in the University Examinations in all subjects.

ORDERED—

That Messrs. Tawney and Eliot draw up and submit, for the approval of the Syndicate, a set of draft rules based upon these opinions.

58. Read a letter from the Lady Superintendent, Bethune School, enquiring what course in Botany has been fixed upon by the Syndicate for female candidates preparing for the F. A. Examination.

ORDERED—

That the Registrar request Dr. W. H. Gregg to recommend text-books in Botany for the First Arts Examination of female candidates.

59. Read again the letter from the Secretary to the Government of India in the Home, Revenue and Agricultural Department, which was read at the last meeting on the 26th of July, informing the Syndicate that His Excellency the Governor General in Council is of opinion that the Fee Fund should bear all the printing charges of the University.

ORDERED—

That with reference to the 3rd paragraph of this letter, stating that "it will be open to the University authorities to employ for printing purposes the Government Central Press or any other press at their discretion, arranging their own terms," the Registrar apply to the Government Central Press, Bengal Secretariat Press, and Baptist Mission Press, for tenders with a view to printing at the same press all the publications of the University.

60. Mr. A. W. Croft, President of the Faculty of Arts, announced that he had obtained privilege leave to Europe for three months, and that he had appointed Mr. A. E. Gough to officiate as member of the Syndicate during his absence.

61. The Registrar reported that he had been appointed to officiate as Director of Public Instruction during the absence on leave of Mr. A. W. Croft, and requested the Syndicate to grant him leave of absence for three months.

RESOLVED—

That leave of absence for three months be granted to the Registrar, and that Mr. John Eliot be appointed to officiate for him during his absence.

CHARLES H. TAWNEY,
Registrar.

(Confirmed.)

DAVID B. SMITH, M.D.,
Chairman.

MINUTES OF THE SENATE

FOR THE YEAR 1879-80.

No. 2.

THE 30TH AUGUST.

Present.

THE HON'BLE H. T. PRINSEP, *in the chair.*

THE REV. DR. K. M. BANERJEA.
DR. S. B. PARTRIDGE.
MAULVI ABDOOL LUTEEF, KHAN BAHADOOR.
DR. RAJENDRALALA MITRA, RAY BAHADOOR.
RAJA HARENDRAKRISHNA BAHADOOR.
RAY JAGADANANDA MOOKERJEA, BAHADOOR.
BABOO PIYARICHAND MITRA.
DR. CHANDRAKUMAR DE.
BABOO PRASANNA KUMAR SARBADHIKARI.
THE REV. J. P. ASHTON.
CHARLES H. TAWNEY, ESQ.
DR. D. B. SMITH.
RAY KANAILAL DE, BAHADOOR.
MUNSHI TAMIZ KHAN, KHAN BAHADOOR.
BABOO DURGACHARAN LAW.
ARTHUR PHILLIPS, ESQ.
MAULVI KABIR UDDIN AHMED.
BABOO KRISHNAKAMAL BHATTACHARYYA.
J. H. A. BRANSON, ESQ.
BABOO SYAMACHARAN SARKAR.
THE HON'BLE RAMESCHANDRA MITRA.
DR. T. E. CHARLES.
DR. H. CAYLEY.
THE HON'BLE MOHARAJA JOTENDRAMOHUN TAGORE, C. S. I.
THE HON'BLE AMIR ALI.
PANDIT MAHESCHANDRA NYAYARATNA.
THE REV. LALBIHARI DE.
BABOO KALICHARAN BANERJEA.
THE HON'BLE MOHINIMOHAN RAY.
W. C. BONNERJEE, ESQ.
THE REV. JAS. ROBERTSON.
A. PEDLER, ESQ.
DR. TRAILOKYANATH MITRA.
DR GURUDAS BANERJEA.
F. J. ROWE, ESQ,
THE REV. W. HASTIE.
F. J. BIDEN, ESQ.
DR. JAGADBANDHU BASU.
BABOO SURYYAKUMAR SARBADHIKARI.

62. On the motion of Mr. C. H. Tawney, the Hon'ble H. T. Prinsep was called to the chair.

The Senate proceeded to elect a Tagore Professor of Law.

The following gentlemen were candidates for the Professorship and their names were laid before the Senate, the proposed subject for lectures being mentioned opposite to each candidate's name :—

Mr. W. F. Agnew ...	The Law of Trusts with special reference to Hindu and Mahomedan customs.
Baboo Rajkumar Sarbadhikari ...	Any one of the following :— I.—The origin and nature of the Sraddha ceremonies, and the gradual development of the Principles of Inheritance in the different schools of Hindu Law. II.—The joint and undivided Family under the Hindu Law. III.—The Law of Adoption.
„ Upendranath Mitra ...	Either of the following :— I.—The Hindu Law of Adoption as administered in British India. II.—The Law of Limitation and Prescription as administered in British India.
„ Golapchandra Sarkar ...	Any one of the following :— I.—The Hindu Law of Adoption. II.—The Hindu Law of Succession and its Principles. III.—The Law regarding joint Hindu Family.
„ Rameschandra Basu ...	Either of the following :— I.—The Hindu Law of Adoption. II.—The Indian Mercantile Law.
„ Amritalal De ...	Any one of the following .— I.—The Law of Contract. II.—The Law of Torts. III.—The Law of Evidence.

The Hon'ble Mr. Justice Prinsep proposed that Mr. W. F. Agnew should be elected Tagore Law Professor for the term of one year, from the 1st of September 1879, and that the subject for the Professor's lectures should be the Law of Trusts with special reference to Hindu and Mahomedan customs, as recommended by the Syndicate in consultation with the Faculty of Law and Mr. W. F. Agnew.

Seconded by the Hon'ble Mr. Justice Rameschandra Mitra.

Baboo Piyarichand Mitra proposed as an amendment that Baboo Upendranath Mitra should be elected Tagore Law Professor for the term of one year, from the 1st of September 1879.

The Rev. Dr. K. M. Banerjea seconded the amendment.

Dr. Rajendralala Mitra proposed as an amendment that Baboo Rajkumar Sarbadhikari should be elected Tagore Law Professor for the term of one year, commencing from the 1st of September next.

The Rev. Lalbihari De seconded this amendment.

The Rev. J. Robertson moved, and Maulvi Abdool Luteef, Khan Bahadoor, seconded, the following resolution :—

That the vote be taken by ballot, each member voting for only one of the three candidates proposed; and that if no candidate obtain the votes of more than half the members present, the candidate having the smallest number of votes be struck off the list, and a final vote be taken by ballot between the two remaining candidates.

The resolution was put to the vote and carried.

A ballot in accordance with the preceding resolution was then taken for the three proposed candidates, and the result gave a majority of votes in favor of Baboo Rajkumar Sarbadhikari.

The Chairman then declared Baboo Rajkumar Sarbadhikari to be duly elected Tagore Law Professor for one year, from the 1st of September next.

63. Mr. W. C. Bonnerjee moved, and Mr. A. Phillips seconded, the following resolution :—

That the meeting be adjourned until the Faculty of Law has recommended, in consultation with the Professor elect, the subject of his lectures for the ensuing year.

The resolution was carried unanimously.

64. The Senate proceeded to consider the alterations in the Regulations for Medicine which were recommended by the Syndicate and the Faculty of Medicine.

Dr. D. B. Smith moved, and Dr. S. B. Partridge seconded, the following resolution :—

That (1) in paragraph 9, clause *b*, of the Regulations for the Licence in Medicine and Surgery, and in paragraph 8, clause *b*, of the Regulations for the degree of Bachelor in Medicine, for the words "one course of 70 lectures, General Pathology and Morbid Anatomy, should be substituted the words "one course of 40 lectures, General Pathology and Morbid Anatomy;" (2) that in paragraph 9, section *d*, of the Regulations for the Licence in Medicine and Surgery, and in paragraph 8, Section *d*, of the Regulations for the degree of Bachelor of Medicine, after the words "six *post-mortem* examinations" the following words should be added, "and of having regularly attended one course of practical demonstrations in the Dead House."

The resolution was put to the vote and carried unanimously.

65. The Senate then proceeded to consider the alterations in the Regulations for the Entrance Examination recommended by the Syndicate.

It was moved by the Rev. J. Robertson, and seconded by Mr. C. H. Tawney,—

That in paragraph 2 of the Regulations for the Entrance Examination, the following words should be omitted: "provided he will be above the age of sixteen years on the 1st March following, and not otherwise;" also, that in the form of Entrance application prescribed by the University, the following introductory note to the certificate should be omitted:—

"The authorities signing this certificate are requested to use strict precautions for preventing the possibility of any misunderstanding on the part of any candidate as to the right interpretation of the rule regarding the age of admission—namely, that he is not eligible for admission unless he shall have completed 16 years from the date of birth on the 1st of March next;" and that in the certificate itself, for the words "I certify that the above-named candidate will, to the best of my belief, be above the age of 16 years on the 1st March next; that I know nothing against his moral character,"—should be substituted the words "I certify that I know nothing against the moral character of the above-named candidate;" and in the list of particulars to be filled in by the candidate, after the word "age" should be added the words "on the 1st of January next;" and that the above changes shall come into effect at the Entrance Examination of 1880.

The resolution was put to the vote and carried unanimously.

JOHN ELIOT,
Offg. Registrar.

(Confirmed.)

H. T. PRINSEP,
Chairman.

MINUTES OF THE SYNDICATE

FOR THE YEAR 1879-80.

No. 4.

THE 5TH SEPTEMBER.

Present:

DR. D. B. SMITH, *in the Chair.*

THE HON'BLE H. T. PRINSEP.
A. M. BOSE, ESQ.
THE REV. J. ROBERTSON.
A. E. GOUGH, ESQ.

66. Read the proceedings of the Senate at their meeting on the 30th of August 1879.

RESOLVED—

That the Faculty of Law be requested to recommend the subject for the Tagore Law lectures of 1879-80.

67. The Officiating Registrar submitted the set of draft rules drawn up by Messrs. Tawney and Eliot in accordance with the orders of the Syndicate (*vide* Minutes, paragraph 57).

ORDERED—

That they be circulated amongst the members of the Syndicate, and that their considerations lie over until the next meeting of the Syndicate.

68. Read a letter from the Officiating Principal, Hugli College, recommending that Chandra Kumar Datta, who failed at the last B. A. Examination in Physical Geography only, may be admitted as a special case to the next B. A. Examination after attending lectures for the remaining portion of the year.

ORDERED—

That the consideration of the application be postponed till the Officiating Principal be called upon for further explanation, with the intimation that if the explanation be considered satisfactory by the Syndicate, they will recommend the Senate to grant the application.

69. Read letter from Dr. W. H. Gregg, recommending the following course in Botany and a suitable text-book for the First Arts Examination of female candidates :—

Oliver's First Book on Indian Botany, Part I and Chapter I, Part II, *viz.*, the Elements of Morphology and Physiology of flowering plants, the Principles of their natural classification, and the diagnosis and detailed accounts of the following six natural orders :—

1. Malvaceæ.
2. Leguminoseæ.
3. Cucurbitaceæ.
4. Urticaceæ.
5. Aroideæ.
6. Gramineæ.

ORDERED—

That the scheme proposed by Dr. Gregg be adopted and published in the Gazette for general information ; also that the thanks of the Syndicate be conveyed to Dr. Gregg for his letter.

70. Read letter from the Secretary, Palestine Exploration Fund, forwarding copy of the prospectus of their large paper edition of the survey of Western Palestine, and requesting the University to subscribe to it.

ORDERED—

That the letter be referred to the Library Committee for consideration and suggestion.

71. Read a letter from Maharaja Nilmoni Sing Deo, Bahadoor, in reply to letter No. 461, dated the 31st of July 1879, and stating that he has not the slightest objection to the proposal of the Syndicate, and that he leaves the designation of the prize to the Syndicate to decide in any way they think best.

ORDERED—

(1) That it shall be awarded to the successful student, first in order of merit, in Sanskrit at the First Arts Examination of the year.

(2) That the prize shall be awarded either in books or money at the option of the prize-holder.

(3) That this prize shall be designated "The Pachete Sanskrit Prize".

72. Read application from Mr. Andrew T. Ambrose, B.L., LL.B., of the Madras University, requesting that he may be allowed to appear at the LL.B. Examination with honours of the University of Calcutta.

ORDERED—

That Mr. Ambrose be informed that the Syndicate cannot grant his application.

73. Read the report of the Library Committee, recommending the immediate purchase of a number of books from the Library Funds in hand, and the purchase with the balance that may remain of works which shall form the nucleus of a collection of English classical authors.

ORDERED—

That the works recommended by the Library Committee be purchased.

74. The following bills of contingencies were passed :—

		Rs.	A.	P.	Rs.	A.	P.
1	Bill, Municipal Corporation, house tax, 1st quarter of 1879	150	0	0			
1	„ Municipal Corporation, house tax, 2nd quarter of 1879	150	0	0			
1	„ Municipal Corporation, water, police, and lighting, 2nd quarter of 1879 ...	120	0	0			
1	„ Municipal Corporation, water, police, &c., 3rd quarter, 1879	120	0	0			
1	„ Messrs. Thacker, Spink & Co., advance for calendar, 1879-80	800	0	0			
1	„ Messrs. Thacker, Spink & Co., Persian F. A. Course	1	4	0			
1	„ Messrs. Thacker, Spink & Co., Cambridge University Calendar	3	15	0			
1	„ Secretary, D. C. P. I., Bankura, for expenses incurred during the last Entrance Examination	37	15	6			
1	„ Messrs. T. Black & Co., printing examination papers for Engineering Examination	3	8	0			
1	„ allowance to lithographic pressman for April, May, and June	9	0	0			
1	„ punkah-puller's wages for June and July 1879	8	0	0			
1	„ duftry for supplying gum, June, July, and August...	0	12	0			
1	„ conveyance hire to clerk on duty ...	2	4	0			
1	„ insufficient letters, &c.	0	1	6			
1	„ two pieces of panes of glass, including labour	8	5	3			
					1,415	1	3
	Carried over ...				1,415	1	3

		Rs.	A.	P.	Rs.	A.	P.
	Brought forward ...				1,415	1	3

Account, Tagore Fund.

1	Bill, *Englishman* Press, advertisement ...	10	0	0			
1	„ *Statesman* Press	8	5	0			
1	„ *Indian Daily News*	9	8	0			
1*	„ *Hindu Patriot*	12	12	0			
1	„ *Indian Mirror*	5	0	0			
1	„ *Pioneer* Press	7	3	0			
1	„ *Bombay Gazette*	15	10	6			
1	„ *Madras Mail*	11	14	6			
1	„ Service postage stamps	50	0	0			
1	„ coolie hire	0	8	0			
					130	13	0

Account, Library Fund.

1	Bill, Messrs. Thacker, Spink & Co., for new books				27	11	0
	TOTAL ...				1,573	9	3

JOHN ELIOT,
Offg. Registrar.

(Confirmed.)
DAVID B. SMITH, M. D.,
Chairman.

MINUTES OF THE FACULTY OF LAW

FOR THE YEAR 1879-80.

No. 3.

THE 8TH SEPTEMBER.

Present.

THE HON'BLE H. T. PRINSEP, *in the Chair.*

THE HON'BLE THE CHIEF JUSTICE OF BENGAL.
RAI JAGADANANDA MOOKERJEE, BAHADOOR.
H. BELL, ESQ.
ARTHUR PHILLIPS, ESQ.
BABOO ANNADAPRASAD BANERJEA.
THE HON'BLE G. G. MORRIS.
THE HON'BLE RAMESCHANDRA MITRA.
J. H. A. BEANSON, ESQ.
W. C. BONNERJEE, ESQ.
DR. GURUDAS BANERJEA.

75. The Faculty met to consider and recommend to the Syndicate the subject of the course of lectures to be delivered by the Tagore Law Professor elect during the year 1879-80.

It was proposed by Mr. Arthur Phillips, and seconded by Mr. W. C. Bonnerjee,—

That having regard to the fact that the Senate has elected as Tagore Law Lecturer one who had not been recommended by the Faculty of Law, the Faculty do beg to decline to join with the Syndicate and the Professor elect in recommending any subject for the course of his lectures.

The motion was carried unanimously.

JOHN ELIOT,
Offg. Registrar.

(Confirmed.)
H. T. PRINSEP,
Chairman.

MINUTES OF THE SYNDICATE

FOR THE YEAR 1879-80.

No. 5.

THE 11TH SEPTEMBER.

Present:

THE HON'BLE H. T. PRINSEP, *in the Chair.*

A. E. GOUGH, ESQ. | A. M. BOSE, ESQ.
THE REV. JAS. ROBERTSON.

76 Read the proceedings of the Faculty of Law at their meeting on the 8th September 1879.

RESOLVED—

That the Faculty of Law having declined to recommend any subject for the lectures of the Tagore Law Professor elect, the Syndicate is unable to recommend a subject to the Senate and therefore refers the matter to their decision.

77. Read the following memorandum and draft rules for the regulation of the University Examinations, drawn up by Messrs. Tawney and Eliot and based on the opinions of the Heads of Affiliated Institutions:—

Draft Rules for University Examinations.

Before submitting our draft rules, we respectfully beg to make a few general remarks upon the system of Examinations now followed in the University. We are of opinion that the want of uniformity observed in the Examinations of the University is mainly due to the fact that in all the examinations, except those for Honours, an attempt is made to combine two tests, which ought to be kept separate, *viz.*, a Pass test and a Class test.

It is obvious that a Class test (or Honour test) requires more difficult questions than ought to be set for Pass Examination, which is intended, or ought to be intended, to ascertain whether a student comes up to a certain fixed mediocre standard. But, under the present system, some Examiners think more of the class men than of the pass men and set questions which bring out the merits of the former and pluck the latter. The present system is therefore a compromise, and we believe it to be impossible to remove entirely its acknowledged defects by the adoption of any system of rules.

We therefore beg to suggest that the only radical cure of the evil is to divide all the Examinations of the University into two parts, *viz.*, a compulsory Pass Examination and an optional Honour Examination.

Should the Syndicate not see their way to making this radical reform in the system of University Examinations, we are of opinion that they may to a certain extent check the evil by making their control of the Examinations real and not nominal, as it is at present.

They might extend to all Examinations the system which has been lately adopted with regard to the Medical Examinations on the recommendation of the Faculty of Medicine.

In the other Examinations of the University it is customary for the Registrar to gazette the results of the Examinations after a meeting of the Board of Examiners, and afterwards to refer the matter to the Syndicate for sanction.

This is obviously an illegal encroachment by the Registrar or the Board on the province of the Syndicate.

We accordingly beg to propose the following rules, which will, we think, enable the Syndicate to exercise due control over the University Examinations.

(1.) The custom of convening Boards of Examiners to report the result of the University Examinations shall be discontinued, and the Examiners shall send their marks to the Registrar to be tabulated by him.

(2.) The Syndicate shall depute two of their members to supervise the Arts Examinations of the University,—one to supervise the Law Examinations, one to supervise the Medical Examinations, and one to supervise the Engineering Examinations.

(3.) The members so deputed shall be called Moderators.

(4.) The duties of the Moderators shall be to scrutinize, in consultation with the Registrar, the papers of Examiners before they are printed or lithographed, and to revise, in consultation with the same officer, the lists of passed candidates before they are published in the Gazette.

(5.) The Moderators shall be chosen at the first meeting of the Syndicate in each academical year.

(6.) The Arts Moderators shall be two of the three representatives of that Faculty in the Syndicate, the Legal Moderator shall be the representative of the Law Faculty, the Medical Moderator shall be the representative of the Medical Faculty, and the Engineering Moderator shall be the representative of the Engineering Faculty.

(7.) The Moderators, in consultation with the Registrar, shall be empowered to omit or insert questions in examination papers, to alter the wording of questions, and to pass students who have failed in one subject only in an examination by the addition of grace marks.

(8.) If the Moderator or Moderators and the Registrar disagree on any point, it shall be referred for the decision of the Syndicate at their next meeting.

(9.) In all other cases, the Registrar shall be justified in taking action on the decision of himself and the Moderator or Moderators in anticipation of the sanction of the Syndicate.

The last two rules are intended to obviate any unnecessary delay in the gazetting of passed candidates.

RESOLVED—

That the draft rules be adopted, and that the suggestion for pass and class examinations be reserved for future consideration.

JOHN ELIOT,
Offg. Registrar.

(Confirmed.)

H. T. PRINSEP,
Chairman.

MINUTES OF THE SENATE

FOR THE YEAR 1879-80.

No. 3.

THE 20TH SEPTEMBER.

Present:

CHARLES H. TAWNEY, ESQ., *in the Chair.*

DR. K. M. BANERJEA.
MAULVI ABDUL LUTEEF, KHAN BAHADUR.
DR. RAJENDRALALA MITRA, RAY BAHADUR, C.I.E.
BABOO PIYARICHAND MITRA.
THE REV. J. P. ASHTON.
RAY KANAILAL DE, BAHADUR.
MUNSHI TAMIZ KHAN, KHAN BAHADUR.
BABOO KRISHNAKAMAL BHATTACHARYYA.
O. C. DUTT, ESQ.
BABOO SYAMACHARAN SARKAR.
THE HON'BLE MOHARAJA JOTENDRA MOHAN TAGORE, C.S.I.
PANDIT MAHESCHANDRANYAYARATNA.
THE REV. LALBIHARI DE.
BABOO KALICHARAN BANERJEE.
W. C. BONNERJEE, ESQ.
DR. SAURENDRAMOHAN TAGORE.
THE REV. JAS. ROBERTSON.
THE REV. W. HASTIE.
FRED. J. BIDEN, ESQ.
DR. JAGADBANDHU BASU.
BABOO SURYYAKUMAR SARBADHIKARI.

78. The Senate, by request of the Syndicate, met to select a subject for the lectures of the Tagore Law Professor elect for the ensuing year.

79. On the motion of the Rev. James Robertson, Mr. C. H. Tawney was called to the chair.

Dr. Rajendralala Mitra proposed—

That the subject for the Tagore Professor elect's lectures for the ensuing year be "The origin and nature of the Sraddha ceremonies, and the gradual development of the principles of inheritance in the different schools of Hindu Law.

The motion was seconded by Mr. O. C. Dutt.

Dr. K. M. Banerjee proposed, and Baboo Kalicharan Banerjee seconded, the following motion :—

That the Syndicate be requested to consult the Professor as to the subject on which he is to deliver his lectures, and, if the Syndicate be satisfied with the subject, to take action without further reference to the Senate.

After some discussion the motion was withdrawn.

80. Mr. W. C. Bonnerjee questioned the legality of the action of the Senate and handed in the following protest, which he desired to be placed on record.

Mr. W. C. Bonnerjee protests that this meeting having been called to select a subject on which the Tagore Law Professor is to lecture for his year of office is not competent to do so, regard being had to sub-section (A) of the scheme laid down for lectures. The Senate ought not to select a subject without giving notice to the Fellows that it will proceed to do so, notwithstanding sub-section (A).

Dr. K. M. Banerjea then proposed as an amendment to Dr. Rajendralala Mitra's motion—

That whereas the Faculty of Law has declined to recommend a subject and the Syndicate has been unable to select one, one of the subjects proposed by the professor elect, *viz.*, "The origin and nature of the Sráddha ceremonies and the gradual development of the principles of inheritance in the different schools of Hindu Law," be adopted.

The Rev. Lalbihari De seconded the amendment.

Dr. Banerjee's amendment was put to the vote and lost.

Dr. Rajendralala Mitra's original motion was then put to the vote and carried.

JOHN ELIOT,

Officiating Registrar.

(Confirmed.)

CHARLES H. TAWNEY,

Chairman.

MINUTES OF THE SYNDICATE

FOR THE YEAR 1879-80.

No. 6.

THE 29TH NOVEMBER.

Present:

DR. D. B. SMITH, *in the chair.*

MR. A. W. CROFT. | MR. A. M. BOSE.

MAJOR-GENERAL A. CADELL. | REV. J. ROBERTSON.

81. The Registrar requested that some gentleman might be appointed to assist him in tabulating the results of the Entrance and F. A. Examinations.

ORDERED—

(1.) That Mr. A. M. Nash be appointed.

(2.) That his remuneration be Rs. 300.

82. The Registrar reported that he had authorized, as a special case, the examination of Miss Bose, of the Dehra Girls' School, for the Entrance standard at Dehra, instead of Mussoorie, as no lady could be found to superintend the Examination at Mussoorie.

RESOLVED—

That the Registrar's action be sanctioned.

83. Babu Upendranath Mitra and Mr. R. Mittra were appointed to examine in Law at the approaching B. L. Examination.

84. Mr. Lydekker was appointed to examine in Zoology and Geology at the approaching B. A. Examination.

85. Read a letter from the Rev. W. C. Fyfe, resigning the office of Examiner in History for the approaching B. A. Examination.

ORDERED—

That the Rev. W. Hastie be appointed examiner in the place of Mr. Fyfe.

86. Read a letter from Mr. Mowat, resigning the office of Examiner in Mathematics for the Entrance Examination of the current year.

ORDERED—

That the Very Rev. D. Van Impe, S.J., be appointed examiner in the place of Mr. Mowat.

87. The Registrar reported that it was necessary to notify beforehand the portions of Chemistry and Botany in which candidates for the approaching first L. M. S. and first M. B. Examinations are to be examined.

ORDERED—

(1.) That the Registrar consult Dr. D. B. Smith and Dr. King, and report the action taken by him at the next meeting of the Syndicate.

(2.) That the question of altering paragraph 6 of the Regulations for the Licence in Medicine and Surgery be brought up before the Syndicate at their next meeting.

88. The Registrar reported that Suryya Kumár Chakrabarti had signed and forwarded the applications of five candidates for the Entrance Examination of the current year as Head Master of the Bow Bazar A. S. Institution, and that on enquiry it was ascertained that no such school is in existence; also that Thakurdas Mukhopádhyáy, B.A., a teacher in the General Assembly's Institution, informed the Registrar that he knew Suryya Kumár's School.

ORDERED—

(1.) That the five candidates, whose applications were signed by Suryya Kumár Chakrabarti, be excluded from the Entrance Examination of the current year.

(2.) That the Registrar write to the Principal of the General Assembly's Institution and report to him the conduct of Thakurdas Mukhopadhyay, B.A.

(3.) That the Registrar propose at the next meeting such a change in the Regulations for the Entrance Examination as will provide for Directors and Inspectors-General of Education certifying the existence and class of schools professing to be H. C. Schools, teaching up to the Entrance Standard.

89. Read a letter from the Inspector-General of Education, Central Provinces, recommending the application of the St. Francis de Sales' School, Nagpur, up to the F. A. Standard, with effect from the 1st of January 1879.

Also, a letter from the same gentleman, recommending that students whose mother tongue is Guzrathi may be allowed to translate into that language passages set for translation into the Vernacular in the Entrance Examinations of 1880 and subsequent years.

ORDERED—

(1.) That an application be made to the Government of India, recommending the Governor General in Council to sanction the application of St. Francis de Sales' School, Nagpur, up to the standard of the F. A. Examination, with effect from the 1st of January 1879.

(2.) That henceforth students be allowed to translate into Guzrathi at the Entrance Examinations any passages set for translation into the Vernacular.

90. Read a letter from the Rev. Lalbihari De, praying that his book *Govinda Samanta* may be appointed the text-book in English for the Entrance Examination of 1881, and forwarding a copy for the University Library.

ORDERED—

That the Registrar convey to the Rev. Lalbihari De the thanks of the University for the copy of his work presented to the Library, and inform him that the book will be submitted for report to the Sub-committee for recommending text-books in English.

91. Read a letter from the Inspector of Schools, Rajshahye Circle, requesting an exact definition of the requirements in Arithmetic for Entrance Candidates as stated in paragraph 6 of the Regulations.

ORDERED—

(1.) That the Registrar inform the Inspector that paragraph 6 of the Regulations seems to the Syndicate sufficiently explicit, and that the attention of Examiners will be called to the terms of the Regulations.

(2.) That the Registrar call the attention of the Examiners in Arithmetic for the Entrance Standard to paragraph 6, and request them to frame their questions accordingly.

92. The Registrar reported that he had paid Rs. 1,000 to Babu Golapchandra Sarkar from the Tagore Fund in accordance with the orders of the Syndicate (Minutes, Vol. XXI, p. 31), and that he had distributed fifty copies of the *Viramitroday* amongst the Members of the Law Faculty.

93. Read a letter from the Rev. James Robertson, Principal of the Doveton College, requesting that two boys belonging to that College might be permitted to appear at the Entrance Examination though under the prescribed age, and might be examined privately under an arrangement similar to that mentioned in paragraph 54 of the Minutes of the Syndicate for the year 1876-1877.

ORDERED—

That the Registrar inform the Rev. James Robertson that the Syndicate regret that they cannot comply with his request.

94. Read a letter from the Secretary of State for India, addressed to His Excellency the Governor General of India in Council, forwarded with an endorsement from the Under-Secretary to the Government of India and other correspondence with reference to the training and education of natives for employment in the Geological Survey of India.

ORDERED—

That the Registrar write to the Under-Secretary to the Government of India, pointing out, with reference to paragraph 4 of Lord Cranbrook's letter, that the Act of Incorporation of the University of Calcutta does not provide for the establishment of lectureships, and stating that Geology is one of the optional scientific subjects in the examination for the B. A. and M. A. degrees.

95. The Registrar submitted the estimate of the Superintendent of the Government Central Press, the Bengal Secretariat Press, and the Baptist Mission Press, for printing the Calendar and Minutes.

ORDERED—

That during the ensuing year the Calendar be printed at the Baptist Mission Press, and Minutes, Circulars, &c., at the Government Central Press.

96. Read a letter from the Secretary to the Government of India, in the Home, Revenue, and Agricultural Department, sanctioning the changes in the Regulations for the Examinations in Arts and Medicine, recommended by the Senate at their meeting on the 30th of August 1879 (Minutes, Vol. XXIII, pages 48 and 49).

ORDERED—

To be recorded.

97. The Registrar reported that he had received no reply to his letter No. 482, addressed to the Government of the North-Western Provinces, in accordance with an order of the Syndicate at their meeting on the 16th of August 1879, and stated that the Panjab Government had consented to continue the payment of Rs. 50 to the officer appointed to conduct the B. A. Examination at Agra.

ORDERED—

That the Registrar telegraph to the Government of the North-Western Provinces; enquiring what officer has been appointed to superintend the B. A. Examination at Agra.

98. Read a letter from the Principal, Residency College, Indore, praying that Balkrishna Raghuji Patel, an undergraduate of the University of Bombay, may be allowed to appear at the F. A. Examination of the University.

ORDERED—

That Balkrishna Raghuji be admitted to the F. A. Examination.

99. The Registrar enquired if the rules for securing uniformity were to be adopted in the Examinations of the current academical year.

ORDERED—

That the rules came into operation immediately.

Mr. A. W. Croft and the Rev. J. Robertson were elected Moderators in Arts.

100. Dr. D. B. Smith presented a petition from Upendranath Das, who went up for the degree of M. B. in March 1879 and was rejected in Comparative Anatomy only, praying that he may be gazetted as having passed the first examination for the licence in Medicine and Surgery.

ORDERED—

To be deferred until next meeting.

101. The following bills of contingencies were passed :—

General Fee Fund.

		Rs.	A.	P.	Rs.	A.	P.
1	Bill for Service Postage Stamps ...	100	0	0			
1	„ cost for printing examination papers in London	1,431	9	1			
1	„ remuneration to Professor E. B. Cowell for correcting the proofs ...	240	12	0			
1	„ Kailas Chandra Basu and Co., for repairing water-closet and pipe ...	5	0	0			
1	„ Lithographic pressman for allowance from July to September 1879 ...	9	0	0			
1	„ allowance to the office punkah-puller for August, September, and 15 days of October	10	0	0			
1	„ cost for bringing stationery articles to office	6	14	0			
1	„ discount of an Agra Bank cheque ...	0	4	0			
1	„ cart, cooly-hire, and landing charges for bringing 2 boxes containing examination papers	3	3	0			
1	„ Superintendent of Stationery for value of stationery articles	1,154	14	6			
1	„ For sundries	6	1	0			
					2,967	9	7

Account, Tagore Fund.

1	Bill, Messrs. Thacker, Spink and Co., for printing 500 copies of Lectures of 1878 ...				1,660	0	0
	TOTAL Rs.				4,627	9	7

CHARLES H. TAWNEY,

Registrar.

(Confirmed.)

DAVID B. SMITH, M. D.,

Chairman.

MINUTES OF THE SYNDICATE

FOR THE YEAR 1879-80.

No. 7.

THE 19th JANUARY.

Present:

THE HON'BLE THE VICE-CHANCELLOR *in the chair.*

DR. D. B. SMITH.	THE HON'BLE J. O'KINEALY.
A. W. CROFT, ESQ., M.A.	MAJOR-GENERAL A. CADELL.
THE REV. J. ROBERTSON.	A. M. BOSE, ESQ.

102. The Registrar reported the result of the Entrance Examination, from which it appeared that the number of candidates registered for examination was 2,697, of whom 1,069 passed. Of the successful candidates, 114 were placed in the First Division, 530 in the Second, and 425 in the Third.

ORDERED—

That the names of the successful candidates be published in the Gazette.

103. The Registrar reported the result of the First Arts Examination, from which it appeared that the number of candidates registered for examination was 1,040, of whom 320 passed. Of the successful candidates, 33 were placed in the First Division, 112 in the Second, and 175 in the Third.

ORDERED—

That the names of the successful candidates be published in the Gazette.

104. Upon the result of the F. A. Examination the following students were elected Duff Scholars for 1880:—

1. Debaprasad Sarbadhikari, Presidency College.
2. Radhagobinda Das, Rajshahye College.
3. Sasibhushan Ghose, Free Church Institution.
4. Edward Cooke, Doveton College.

105. The following gentlemen were appointed to conduct the Honour and M. A. Examinations in the subjects mentioned opposite their names :—

English	...	Mr. K. Deighton and the Rev. M. A. Sherring.
Sanskrit	...	Dr. K. M. Banerjea and Pandit Maheschandra Nyayaratna.
History	...	Rev. W. Hastie and Rev. J. Robertson.
Philosophy	...	Rev. A. F. Rudolf Hoernle and Mr. A. E. Gough.
Mathematics	...	Mr. Eliot and Mr. Griffiths.
Physical Science	...	Mr. Booth and Mr. S. A. Hill.
Botany	...	Dr. George King.

106. The following gentlemen were appointed to conduct the Premchand Roychand Examination in the subjects mentioned opposite their names :—

English	...	Mr. F. J. Rowe.
Sanskrit	...	Dr. K. M. Banerjea.
History	...	Rev. J. Robertson.
Philosophy	...	Rev. W. Hastie.
Pure Mathematics	...	Mr. Eliot.
Mixed Mathematics	...	Dr. McCann.
Natural Science	...	Mr. Eliot.

107. The following gentlemen were appointed Examiners under the Regulations in Medicine in the subjects mentioned opposite their names :—

In Anatomy	...	Dr. J. F. P. McConnell.
„ Chemistry	...	„ C. J. H. Warden.
„ Medical Jurisprudence	...	„ F. C. Nicholson.
„ Materia Medica	...	„ R. Harvey.
„ Botany	...	„ D. D. Cunningham.
„ Medicine and Midwifery	...	„ R. C. Chandra.
„ Surgery and Ophthalmic Surgery	...	„ K. McLeod.
„ Physiology and Comparative Anatomy		„ T. E. Lewis.
„ Pathology and Hygiene	...	„ J. M. Coates.

108. Read a letter from Bhagabatchandra Rudra, M. B., applying to be examined for the degree of M. D.

ORDERED—

That the applicant be admitted to the examination, and that the following gentlemen be appointed to conduct the examination in the subjects mentioned opposite their names :—

Medicine and Midwifery	...	Dr. R. C. Chandra.
Surgery	...	„ K. McLeod.
Hygiene and Pathology	...	„ J. M. Coates.

109. The Registrar enquired whether he was to call a meeting of the Senior Board of Examiners to report the result of the B. A. Examination.

RESOLVED—

(1) That the Board of Examiners be convened as usual, and that they be invited to confer with Mr. A. W. Croft and the Rev. J. Robertson upon the result of the recent examination for the degree of Bachelor of Arts.

(2) That the Examiners for the degree of Bachelor in Law be invited to confer with Mr. O'Kinealy upon the result of that examination.

110. The Registrar enquired what remuneration was to be given to Major Jarrett and Dr. Leitner for conducting the Entrance, F. A., and B. A. Examinations in oriental languages.

ORDERED—

That Major Jarrett receive Rs. 750, and Dr. Leitner Rs. 600.

111. Read a letter from Baboo Kalidas Chatterjea, requesting that the fee paid by Kshetraprasad Chatterjea, a candidate for the B. A. Examination, whose death was reported to the Registrar before the examination, might be returned.

ORDERED—

That the Registrar return the fee.

112. Read an application from Upendra Nath Das, who went up for the first M. B. Examination in March 1879, and was rejected in Comparative Anatomy only, praying that he might be gazetted as having passed the first L. M. S. Examination.

ORDERED—

That all the candidates who went up for the first M. B. Examination in March 1879, and failed in Comparative Anatomy only, be gazetted as having passed the first L. M. S. Examination.

113. Read a letter from the Secretary to the Government, North-Western Provinces and Oudh, stating that Mr. Deighton had been appointed to superintend the B. A. Examination at Agra.

ORDERED—

To be recorded.

114. The Registrar proposed that the following foot-note be appended to the word "School" in the marginal note to the Entrance certificate:—"No School, the existence of which is not certified by a Government Inspector of Schools, will be recognized by the Syndicate.

RESOLVED—

That the question be deferred till the next meeting.

115. The Registrar reported that the following eight natural orders in Botany had been selected for the ensuing first M. B. and first L. M. S. Examinations:—

1. Malvaceæ.
2. Leguminosæ.
3. Solanaceæ.
4. Labiatæ.
5. Urticaceæ.
6. Palmaceæ.
7. Scitamineæ.
8. Gramineæ.

ORDERED—

To be recorded.

116. The Registrar proposed that the word "Chemistry" be omitted in paragraph 6 of the Regulations for the Licence in Medicine and Surgery.

RESOLVED—

That the Syndicate propose to the Senate at the next meeting that the word "Chemistry" be omitted in paragraph 6 of the Regulations for the Licence in Medicine and Surgery, so that the termination of the paragraph will run as follows:—

"The Syndicate shall notify, three months before the Examination, the portions of the subjects in Botany in which candidates shall be examined."

117. Read a letter from the Secretary to the Government of India, in the Home, Revenue, and Agricultural Department, sanctioning the affiliation of St. Francis de Sales' School, Nagpur, up to the F. A. standard, with effect from the 1st of January 1879.

ORDERED—

To be recorded.

118. Read an application from Narendranath Chaudhuri, Entrance Class, Free Church Institution, forwarded by the Rev. K. S. Macdonald, complaining that he was turned out of the recent examination without any reason, and requesting to be allowed to pass a special examination in the subject of the day on which he was expelled, or to be allowed marks for it.

ORDERED—

That the Rev. K. S. Macdonald be informed that the Syndicate see no reason to question the propriety of the course taken by the Registrar, and decline to comply with the request of the applicant.

119. Read a letter from the Rev. W. Hastie, Principal, General Assembly's Institution, in reply to the Registrar's letter No. 551, dated the 11th of December 1879, (Minutes, vol. xxiii, paragraph 88), stating that Thakur Das Mookerjea has resigned his appointment, and is no longer connected with the institution.

ORDERED—

To be recorded.

120. Read a letter from Mr. J. S. Davidson, praying that exceptions may be made in certain cases (besides that of *bonâ fide* teachers) to the rule which renders attendance at an affiliated institution compulsory for attaining a degree in Arts.

ORDERED—

That the Registrar inform the applicant that the Syndicate cannot comply with his request.

121. The Registrar reported that during the course of the last Entrance Examination, it was brought to his notice that F. Peel, who was sitting for the Examination, would not have completed the age of 16 years from the date of his birth on the 1st of March next, and that accordingly he had not gazetted his name in the list of successful candidates, though he had obtained a sufficient number of marks to entitle him to pass.

RESOLVED—

That the action of the Registrar be approved.

122. Read a letter from Mr. F. Rowe, Officiating Inspector of Schools, Presidency Circle, stating that during the recent Entrance Examination at Kishnaghur, Sasibhushan Mitra had endeavoured to pass himself off as Haranath Datta, and that he and his accomplice had been sentenced by the Sessions Judge of Kishnaghur to one month's simple imprisonment.

ORDERED—

That Sasibhushan Mitra and Haranath Datta be excluded from all future examinations of the University.

123. Read an application from Hormosji Nowroji, a matriculated student of the Bombay University, praying that he may be admitted to the ensuing L. M. S. Examination.

ORDERED—

That the Registrar inform the applicant that, as he does not appear to have passed any examination corresponding to the First Arts Examination of this University, the Syndicate cannot comply with his request.

124. Read a letter from Mr. J. Pope, proposing that in the list of successful candidates published in the Gazette, the colleges at which each successful candidate has studied, be mentioned opposite his name.

ORDERED—

That the Registrar inform Mr. J. Pope that the Syndicate do not think it necessary to adopt his proposal.

125. Read a letter from Mr. A. C. Dutt, Lecturer on Physical Science, Hooghly College, complaining that some of the questions set in the Physical Geography paper of the B. A. Examination of the current year could not be answered from the text-books of Blanford and Ansted.

ORDERED—

That the letter be laid before the senior Board of Examiners at their next meeting.

126. The Registrar stated that the examination for the degree of M. D. was appointed by the Regulations to be held in the first week of April next, but that it would be more convenient to hold it in March, and that it was simply impossible to publish the list of successful Entrance candidates on the morning of the fourth Monday after the examination.

RESOLVED—

That the Syndicate recommend to the Senate that for the words "on thefirst Monday in December" in paragraph 1 of the Regulations for the Entrance Examination, for the words "on the morning of the fourth Monday after the examination" in paragraph 7 of the same Regulations, for the words "on the first Monday in December" in paragraph 1 of the Regulations for the F. A. Examination, for the words "on the morning of the fourth Monday after the examination" in paragraph 7 of the same Regulations, for the words "in the first week in January" in paragraph 1 of the Regulations for the Bachelor of Arts Examination, for the words "on the morning of the fourth Monday after the examination" in paragraph 7 of the same Regulations, for the words "In the first week in February" in paragraph 1 of the Regulations for Honors in Arts, for the words "on or before the 31st day of December" in paragraph 4 of the same Regulations, for the words "On or before the 1st of January" in paragraph 2 of the Regulations for the Examination for the degree of Master of Arts, for the words "In the first week in January" in paragraph 1 of the Regulations for the degree of Bachelor

in Law, for the words "In the first week in March" in paragraph 1 of the Regulations for the Examination for Honors in Law, for the words "In the last week of March" in paragraph 1 of the Regulations for the Licence in Medicine and Surgery and in paragraph 1 of the Regulations for the Degree of Bachelor in Medicine, for the words "In the first week of April" in paragraph 1 of the Regulations for the degree of Doctor in Medicine, for the words "In the first week of May" in paragraph 1 of the Regulations for the "Licence in Civil Engineering" and in paragraph 1 of the Regulations for the degree of Bachelor in Civil Engineering, and for the words "In the first week of June" in paragraph 1 of the Regulations for Honors in Civil Engineering,—the following words be substituted "At such time as the Syndicate shall determine."

127. The following Entrance remuneration bill was passed :—

	Rs.	A.	P.
W. H. Wright, Esq. (English) ...	991	4	0
W. H. Paulson, Esq. („) ..	991	4	0
Rev. R. J. Bell („)	981	8	0
„ John Hector („)	981	8	0
Pandit Ramgati Nayaratna (Sanscrit and Bengali) ..	720	8	0
Baboo Bireswar Chatterjee („) ...	728	0	0
„ Syama Charan Mukerjee („) ...	663	4	0
„ Jogendranath Banerjee („) ...	659	0	0
A. H. Pirie, Esq. (History and Geography) ...	991	4	0
Dr. P. K. Ray („)	991	4	0
Rev. Lalbehari De („)	981	8	0
J. Slater, Esq. („)	981	8	0
S. F. Downing, Esq. (Mathematics)	991	4	0
J. H. Gilliland, Esq. („)	991	4	0
F. J. Biden, Esq. („) ...	981	8	0
Father D. VanImpe, S.J. („)	981	8	0
Rev. K. M. Banerjee, (Hindi and Uriya)	100	0	0
Ditto (Translation in other languages)	115	8	0
Rev. G. D'Cruz (Burmese)	100	0	0
Balwant Vinayak Gokhle, Esq. (Guzerati Translation)	3	0	0
Hari Gopal Padhyay (Marhatti)	36	12	0
Total Rupees ..	14,962	8	0

128. The following bills of contingencies were passed :—

				Rs.	A.	P.
1 Bill, expenses incurred during the last Entrance and F. A. Examinations held at Dacca				302	7	0
1 „	ditto	ditto	Hugli	192	2	6
1 „	ditto	ditto	Krishnagar	198	9	0
1 „	ditto	ditto	Berhampur	59	8	9
1 „	ditto	ditto	Patna	231	1	6

					Rs.	A.	P.
1	Bill, expenses incurred during the last Entrance and F. A. Examination held at Ranchi				36	4	0
1	,,	ditto	ditto	Barisal	30	5	0
1	,,	ditto	ditto	Katak	57	13	0
1	,,	ditto	ditto	Baulia	92	5	9
1	,,	ditto	ditto	Chittagong	43	1	3
1	,,	ditto	ditto	Sibsagor	13	10	6
1	,,	ditto	ditto	Lucknow	89	4	3
1	,,	ditto	ditto	Bareilly	60	2	6
1	,,	ditto	ditto	Gauhati	36	13	3
1	,,	ditto	ditto	Allahabad	67	8	0
1	,,	ditto	ditto	Delhi	37	4	0
1	,,	ditto	ditto	Mussoorie	7	12	0
1	,,	ditto	ditto	Benares	108	13	6
1	,,	ditto	ditto	Indore	46	5	0
1	,,	Service Postage Stamps			100	0	0
1	,,	Fencing the north verandah with darma mats ...			110	0	0
1	,,	Allowance to Lithographic Pressman for 3 months...			9	0	0
1	,,	Brass wire, twine, &c.			15	9	6
1	,,	Ticca Duftries employed during the Entrance Examination			28	8	0
1	,,	For copying Armenian questions			10	0	0
2	,,	Coolies for arranging seats of Examination ...			11	4	0
1	,,	Messrs. T. E. Thomson & Co. for a tin box ...			36	0	0
3	,,	Telegrams to Simla, Benares, and Lahore ...			4	0	0
1	,,	Discounting a Benares Bank Cheque			0	12	9
1	,,	Insufficient postage to letters received			0	6	0
1	,,	Municipal Corporation House Rate, 3rd quarter, 1879			150	0	0
1	,,	Ditto Water, Police, Lighting, 4th quarter, 1879			120	0	0
1	,,	Post Master, Calcutta, for bearing parcels containing answers of candidates			328	0	0
1	,,	Railway fare for sending answer papers to Mofussil Examiners			66	0	6
1	,,	Allowance to an extra writer			30	0	0
1	,,	Conveyance hire on duty			9	4	0
1	,,	Sundries			4	2	0
				Total Rupees ...	2,744	1	6

CHARLES H. TAWNEY,

Registrar.

(Confirmed.)

ALEX. J. ARBUTHNOT,

Vice-Chancellor.

MINUTES OF THE SYNDICATE

FOR THE YEAR 1879-80.

No. 8.

THE 19TH FEBRUARY.

Present.

THE VICE-CHANCELLOR.
DR. D. B. SMITH.
A. W. CROFT, ESQ.
REV. J. ROBERTSON.
GENERAL CADELL.

129. Read the following report of the senior Board of Examiners on the result of the B. A. Examination :—

"We have the honor to submit, for the approval of the Vice-Chancellor and Syndicate, the result of the B. A. Examination.

"The number of candidates registered for examination in the A. Course was 132, of whom 2 passed in the First Division, 8 in the Second, and 29 in the Third; 10 were absent and 83 failed.

"The number of candidates registered for examination in the B. Course was 186, of whom 5 passed in the First Division, 28 in the Second, and 40 in the Third; 5 were absent and 108 failed.

"The examination has been conducted in accordance with the instructions laid down for our guidance in our letter of appointment."

ORDERED—

That the report be approved, and the names of the successful candidates published in the Gazette.

The following are the names of the successful candidates :—

FIRST DIVISION.

In Order of Merit.

1.	Chattopadhyay, Digambar	. . Patna College.
2.	„ Ramnath	.. Presidency College.
3.	„ Sureschandra	... Ditto.
4.	Ghosh, Nagendranath	... Ditto.
5.	Sivaprasad	... Agra College.
6.	Gobindaprasad	... Muir Central College.
7.	Bandyopadhyay, Kantibhushan	... Hugli College.

SECOND DIVISION.

In Alphabetical Order.

1.	Basu, Jogendranath	... Presidency College.
	„ Jagadischandra	... St. Xavier's College.
	„ Prasannakumar	. . Dacca College.
	Chakrabarti, Dwarkanath	.. Presidency College.
	„ Harischandra	... Hugli College.
	Chattopadhyay, Bishnupada	... Ditto.
	„ Ramanimohan	.. Presidency College.
	„ Sasibhushan	... Canning College.
	Chaudhuri, Suryyakumar	... General Assembly's Institution.
10	Das, Rasikchandra	.. Canning College.
	DeMel, A. W.	... St. Thomas' College, Colombo.
	De, Narendralal	... Cathedral Mission College.
	Doran, E.	... St. Xavier's College.
	Ghosh, Satyakumar	... General Assembly's Institution.
	Ghoshal, Nabinchandra	... Presidency College.
	Goswami, Jadunath	... Ditto.
	Guin, Srinibas	... General Assembly's Institution.
	Gupta, Prasannakumar	... Rajshahye College.
	Lahiri, Chandrakanta	... Cathedral Mission College.
20	Mitra, Bhagabaticharan	... Hugli College.
	„ Nagendrachandra	... Ditto.
	„ Rajeswar	... Patna College.
	Mukhopadhyay, Binodlal	... Canning College.
	„ Nrityagopal	... General Assembly's Institution.
	„ Ramprasana	... Presidency College.
	Rashakbihari	... Agra College.
	Ray, Kalimohan	... Presidency College.
	Sarkar, Biharilal	... Ditto.
	„ Gopalchandra	... Rajshahye College.
30	Sen, Chandicharan	... Presidency College.
	„ Chandrakanta	... Ditto.
	„ Saradaprasad	... Dacca College.
	„ Saratchandra	... Ditto.
	Sen Majumdar, Jadabchandra	... Ditto.
	Sinha, Purnendunarayan	... Patna College.
36	Som, Trailokynath	... Hugli College.

THIRD DIVISION.

In Alphabetical Order.

1	Amarnath	... Canning College.
	Arndt, Geo.	... St. Thomas' College, Colombo.
	Awadhkisor	... Patna College.
	Bajpai, Benimadhab	... Canning College.
	Bandyopadhyay, Bipinbihari	... Ditto.
	,, Jagannath	... General Assembly's Institution.
	,, Kedarnath	... Patna College.
	,, Surendranath	... Presidency College.
	Bansidhar	... Agra College.
10	Basu, Grischandra	Teacher.
	,, Nandakumar	... Dacca College.
	,, Nrityagopal	... Muir Central College.
	,, Trailokyanath	... General Assembly's Institution.
	Bhattacharyya, Jogneswar	... General Assembly's Institution.
	Chaki. Benimadhab	.. Cathedral Mission College.
	Chakrabarti, Durgakanta	... Hugli College.
	,, Syamacharan	... Free Church Institution.
	Chattopadhyay, Biharilal	... Dacca College.
	,, Isanchandra	... General Assembly's Institution.
20	,, Priyagopal	... Hugli College.
	,, Sanatan	... Canning College.
	Chaudhuri, Dinanath	... Presidency College.
	Choteylal	... Canning College.
	Das, Akshaycharan	... Presidency College.
	Datta, Jugalkisor	... Hugli College.
	,, Maheschandra	... Dacca College.
	,, Saratchandra	... Presidency College.
	De, Anandamohan	... Cathedral Mission College.
	Dwarkadas	... Lahore College.
30	Fariduddin, Ahmad	... Hugli College.
	Ghosh, Asutosh	... Presidency College.
	,, Atulchandra	... Ditto.
	,, Rajendralal	... Ditto.
	,, Sasikumar	.. General Assembly's Institution.
	Gupta, Umeschandra	... Ditto.
	Haldar, Basantakumar	... Ditto.
	Hati, Banawarilal	... Ditto.
	Karmakar, Hariprasanna	... Dacca College.
	Krishnachandra	... Benares College.
40	Laha, Nabadwipchandra	... Dacca College.
	Maitra, Ambikacharan	... General Assembly's Institution.
	,, Rajendralal	... Free Church Institution.
	Mitra, Abinaschandra	... Presidency College.
	,, Bankimchandra	... Ditto.
	,, Gopendrachandra	Hugli College.
	,, Jadunath	... Teacher.
	,, Syamaldhan	... General Assembly's Institution.
	Muhammad Ismail	. Patna College.
	Mukhopadhyay, Abhaycharan	.. General Assembly's Institution.
50	,, Charuchandra	... Patna College.
	,, Jogneswar	... General Assembly's Institution.
	,, Kaliprasanna	.. Patna College.
	,, Phanibhushan	... General Assembly's Institution.

	Mukhopadhyay, Purnachandra		Muir Central College.
	Niblett, R. H.	...	Ditto.
	Pande. Hariram	...	Ditto.
	Ray, Amritalal	...	General Assembly's Institution.
	„ Benibhushan	...	Presidency College.
	„ Harinath	...	Krishnaghur College.
60	„ Nagendranath	...	Cathedral Mission College.
	„ Nikunjabihari	...	Hugli College.
	Sahu, Durgacharan	...	Katak College.
	Sarkar, Ramchandra	...	Dacca College.
	Sen, Annadacharan	...	Ditto.
	„ Kailaschandra	...	Free Church Institution.
	„ Sasibhushan	...	Presidency College.
	Sinha, Nirmalchandra	...	Ditto.
	Takrimuddin	.	Ditto.
69	Umr Bakhsh	...	Lahore College.

Upon the result of the B. A. Examination, the Vizianagram and Eshan Scholarships were awarded to Digambar Chattopadhyay of the Patna College. The Haris Chandra Prize was awarded to Ramnath Chattopadhyay of the Presidency College.

The Radhakanta Medal was awarded to Ramprasanna Mukhopadhyay of the Presidency College.

130. Read the following report of the B. L. Examiners: —

"We have the honor to submit, for the approval of the Vice-Chancellor and Syndicate, the result of the B. L. Examination.

"The number of candidates registered for examination was 89, and we have passed 47; of the successful candidates none passed in the First Division, 47 in the Second, 1 was absent, and 41 failed."

ORDERED—

That the report be approved, and the names of the successful candidates published in the Gazette.

The following are the names of the successful candidates:—

SECOND DIVISION.

In Order of Merit.

1.	Mitra, Surendranath	...	Presidency College.
2.	Mazhar-ul-Anwar		Hugli College.
3.	Fuzlul Karim	...	Dacca College.
4.	Chattopadhyay, Sripati	...	Presidency College.
	Sitalprasad	...	Patna College.
6.	Datta, Asvinikumar		Krishnaghur College.
7.	Ghosh, Saradaprasad	...	Presidency College.
8.	Ray, Sitanath	...	Ditto.
9.	Maitra, Kasinath	.	Ditto.
10.	Chattopadhyay, Dwarkanath	...	Patna College.
	Datta, Kamalkrishna	...	Presidency College.

12	Sil, Kanailal	.	Presidency College
13.	Mallik, Ramcharan		Ditto
14	Batavyal, Atulchandra		Ditto
	Ghosh, Manmathakumar		Ditto
16	Basu, Asvinikumar	.	Dacca College
17	Mitra, Prasannakumar ...		Krishnaghur College
18.	Chattopadhyay, Bananali	..	Presidency College.
19	Sarkar, Ramnarayan		Patna College
20.	Ghosh, Chandidas	...	Presidency College
21.	Sarkar, Nagendranath	...	Ditto.
22	Ray, Nabadwipchandra	...	Ditto
23	Mukhopadhyay, Hemchandra	..	Ditto
24	Chaudhuri, Jadabchandra		Ditto
25	Sen, Kedarnath	...	Ditto
26	Ghosh, Haranath		Ditto
27	Basak, Rasbihari		Ditto
	Ghosh, Akshaykumar		Hugli College
	Chakrabarti, Jogendranath		Presidency College
30	Palit, Umeschandra	...	Ditto
31	Nag, Haradhan		Ditto
32.	Mukhopadhyay, Nilalohit	...	Krishnaghur College
33	Kshetriya, Lakshminarayan		Presidency College
34	Nag, Syamakanta	.	Dacca College
35	Ghosh, Kalipada	...	Presidency College.
	Ray, Mukundanath	...	Ditto
37.	Chattopadhyay, Krishnalal	..	Ditto
38	Ray, Kuladakinkar		Ditto
39.	Chaudhuri, Kaliram		Ditto
40	Ghosh, Saratchandra	..	Dacca College
41	Bandyopadhyay, Harinath	..	Presidency College
42	Majumdar, Dakshinacharan	.	Ditto.
43	Chattopadhyay, Pramathanath	.	Patna College
44	Datta, Lalbihari		Presidency College
	Mitra, Purnachandra	..	Ditto
	Biswas, Bhubanmohan	..	Ditto.
	Mitra, Girindranath	..	Ditto

131 The Registrar submitted the result of the examination for the Premchand Raychand Studentship —

ORDERED—

That Nilkanta Majumdar be elected to a studentship of Rs. 1,600 a year, for the period of five years.

132 The following gentlemen were appointed to conduct the examinations in Arts for 1880-81 —

ENTRANCE EXAMINATION

English

Rev J Hector	Mr. W Young
Rev W Johnson.	Mr. J V S. Pope

Sanskrit and Bengli

Baboo Jogendranath Banerjee	Pandit Ramgati Nyayaratna
Pandit Bireswar Bidyaratna	Pandit Haris Chandra Bhattacharyya

History and Geography.

Rev. Dr. C. Baumann.
Mr. J. S. Slater.
Mr. A. H. Pirie.
Mr. A. Thomson.

Mathematics.

The Very Rev. Father Van Impe.
Mr. M. Mowat.
Mr. J. Gilliland.
Mr. Fred. J. Biden.

Hindi and Uriya.

Rev. Dr. K. M. Banerjea.

FIRST ARTS AND B. A. EXAMINATIONS.

English.

Mr. K. Deighton.
Rev. M. A. Sherring.

Sanskrit.

Rev. Dr. K. M. Banerjea.
Baboo Nilmani Mukhopadhyay.

History.

Rev. J. Robertson.
Rev. W. Hastie.

Mathematics and Natural Philosophy.

Mr. J. Eliot.
Mr. W. Griffiths.

Mental and Moral Science.

Rev. A. F. R. Hoernle.
Mr. J. Sime.

Physical Science.

Mr. A. Pedler.
Mr. A. Ewbank.

Botany.

Dr. King.

ENTRANCE, F. A. AND B. A. EXAMINATIONS.

Latin.

Rev. J. Edwards.
Mr. W. H. Paulson.

Arabic, Persian, and Urdu.

Major H. S. Jarrett.

133. The following selections in languages were appointed for the Examinations of 1882-83 :—

ENTRANCE, 1882.

Greek.

Xenophon	..	Anabasis, Books I and II.
Homer		Iliad, Book I.

Latin.

Ovid	...	Metamorphoseon Fabulae.
Cicero	..	De Amicitia.

FIRST EXAMINATION IN ARTS, 1882.

English.

Milton	...	L'Allegro and Il Penseroso.
Johnson	...	Vanity of Human Wishes.
Wordsworth	...	Selections by Turner in Rivington's English School Classics, edited by F. Storr.
Longfellow	...	Evangeline
Collins	...	Homer's Iliad (Ancient Classics for English readers.
Rosamond Waite	...	The Duke of Wellington (Historical Biographies, edited by Chrsighton).
Black	...	Life of Goldsmith (Morley's English Men of Letters).

Greek.

Herodotus	...	Book IV.
Euripides	.	Hecuba.

Latin.

Catullus	...	Selections.*
Martialis	...	Selections.*
Cicero	...	Orations against Catiline, III and IV.

B. A. EXAMINATION, 1883.

Shakespeare	...	King Lear, Julius Cæsar, Merchant of Venice.
Milton	...	Paradise Lost, Books III,—VI, inclusive.
Keats	...	Hyperion.
Burke	...	Reflections on the French Revolution.
Morley	...	Life of Burke (English Men of Letters.)
Church	...	Spenser (English Men of Letters.
Stopford Brooke		Primer of English Literature.

Greek.

Sophocles	...	Philoctetes.
Demosthenes	...	De Corona.

Latin.

Virgil	..	Georgics III and IV.
Cicero		Pro Cluentio.
Tacitus	...	Germania.

134. The following Selections in English were appointed for the Honour and M. A. Examinations of 1882-83.

Poetry and Drama.

Shakespeare	...	Othello, Antony and Cleopatra, Coriolanus, Much Ado about nothing, Merry Wives of Windsor.
Fletcher	...	Two Noble Kinsmen.
Spenser	...	Fairy Queen, Books I, II.
Tennyson	...	Princess.
Dryden	...	Absalom and Achitophel.

Prose.

Ascham	...	The School Master.
Browne	...	Religio Medici.
Lowell	...	My Study Windows.
Mathew Arnold	...	Culture and Anarchy.
Freeman	...	Historical Essays.
Trollope	...	Life of Thackeray (English Men of Letters.)

135. The Registrar enquired on what day the Convocation for conferring Degrees was to be held.

ORDERED—

That the Convocation be held on the 13th of March.

136. Read an application from Hirje Pestonji Wadia, a B.A. of the Bombay University, requesting that he might be admitted to the Honour Examination of the University of Calcutta.

ORDERED—

That the Registrar write to the applicant asking him to state the grounds on which he makes his application, as he appears to be a resident of Bombay.

137. The Registrar reported that, after consulting the President of the Faculty of Law, he had arranged with Mr. Anderson Souttar and Baboo Upendranath Mitra to conduct the approaching Examination in Law.

RESOLVED—

That the Registrar's action be approved.

138. The Registrar requested that he might be allowed to make an appeal to the Chairman of the Corporation to have the assessment of the University building reduced.

ORDERED—

That the Registrar address a letter to the Chairman of the Corporation, requesting that the assessment may be reduced.

139. The Registrar enquired what remuneration was to be given to the three gentlemen appointed to conduct the Examination for the degree of Doctor in Medicine.

ORDERED—

That each of the Examiners receive Rs. 150.

140. Read a letter from Dr. Leitner, expressing dissatisfaction with the fee paid to him for setting and examining papers in Urdu and Arabic at the last Entrance, F. A. and B. A. Examinations.

ORDERED—

That the Registrar pay Dr. Leitner an additional fee of Rs. 50, and explain to him the way in which the remuneration given to the Examiners in Urdu, Persian, and Arabic, is calculated.

141. Read the following letter from the Comptroller General to the Secretary to the Government of India, with reference to the audit of the University accounts, and an extract from a letter from the Secretary to the Government of India in the Finance Department, referring to the same subject:—

From W. WATERFIELD, ESQ., *Officiating Comptroller General, to the Secretary to the Government of India, Department of Finance, No.* $\frac{A}{84}$, *dated Calcutta, the 13th December 1879.*

I have the honour to report that I have audited the accounts of the University of Calcutta for the year 1878-79, and have found them to be correct. The only point to which I would wish to draw attention is the omission from both sides of the accounts kept by the Registrar of Rs. 760-12-1. This sum on the receipt side represents the balance of the sale proceeds of 180 Calendars of the year 1877-78. On the payment side Rs. 715-12-0 represents the balance of the cost of printing and binding 350 Calendars of the same year, and Rs. 45 the commission taken by Messrs. Thacker, Spink & Co. for the sale of 180 Calendars. These payments require the sanction of the Syndicate. To the above extent the annexed statement of the accounts of the University Fee Fund for

the year 1878-79, in which those items are included, differs from that subjoined to the report of the Syndicate for the same year.

1. Premchand Raychand Scholarship Fund.
2. Duff Memorial Fund.
3. Tagore Law Professorship Fund.
4. Eshan Scholarship Fund.
5. Radhakanta Memorial Fund.
6. Mowat Testimonial Fund.
7. Ritchie Memorial Fund.
8. Vizianagram Scholarship Fund.
9. Woodrow Memorial Fund.
10. Haris Chandra Prize Fund.
11. Library Fund.

(2.) The audit has included the transaction of the several endowments detailed in the margin, which are administered by the Senate, as well as the receipts and charges of the fee fund of the University.

(3.) With reference to paragraph 2 of your letter No. 650, dated the 10th February 1879, I beg to report that the promissory note which constituted the Ritchie Memorial Fund has been converted into a stock certificate. The invested balances of the endowment funds are in the custody of the Bank of Bengal, and the Bank's certificate was inspected and found to be correct.

(4.) With reference to paragraph 1 of your letter No. 650, dated 10th February last, I beg to report that the sum of Rs. 898-15-3 was paid to the University in the year 1878-79.

No. $\frac{A}{100}$

Copy to Syndicate of the Calcutta University for information, together with extract paragraph 1 of letter from the Secretary to the Government of India, Financial Department, No. 283, dated the 20th instant.

(Sd.) E. W. KELLNER,

Deputy Comptroller General.

COMPTROLLER GENERAL'S OFFICE,
The 28th January 1880.

Statement of Receipts and Disbursements of the Calcutta University from the 1st April 1878 to the 31st March 1879.

Receipts.	Rs A. P.	Rs. A P	Disbursements.	Rs. A. P	Rs A P
Fees for the Entrance Examination	26,170 0 0		Salaries and establishment .	6,992 3 6	
,, First Arts ,,	18,480 0 0		Remuneration to examiners	43,800 0 0	
,, B A. ,,	9,690 0 0		Medical scholarships	156 0 0	
,, Honors in Art and M A ,,	2,400 0 0		Medals and prizes .	425 2 7	
,, B L ,,	2,520 0 0		Calendar, printing and binding of	1,515 12 0	
,, First L M. S ,,	920 0 0		Municipal taxes . .	753 12 0	
,, Second L M S ,, .	2,275 0 0		Stationery	1 090 15 3	
,, First M B ,, ..	280 0 0		Expenses at Mofussil centres	2,451 5 6	
,, Second M. B, ,, ..	270 0 0		Refunds of Fees . . .	22 0 0	
,, L C E. ,,	525 0 0		Contingencies	4,686 5 10	
,, B. C E ,, .	210 0 0		Bonus to Registrar and his establishment	1,650 0 0	
		63,740 0 0	Commission to Messrs Thacker, Spink & Co for sale of Calendars . .	45 0 0	
Fees for duplicate certificates ...	68 0 0				63,578 8 8
Contribution to the Gown Fund	350 0 0				
Proceeds from the sale of Calendars	900 0 0		Refunded to Government		10,000 0 0
Miscellaneous .	931 3 9		Balance on the 31st March 1879 ...		5,785 8 6
		2,249 3 9			79,364 1 2
TOTAL REVENUE		65,989 3 9			
Amount received as an advance from Government for the current expenditure of the year		10,000 0 0			
Balance on the 1st April 1878	..	3,374 13 5			
		79,364 1 2			

(True copy.)

PRANKISSEN GHOSH,
for *Chief Superintendent, Comptroller General's Office.*

W. H. DOBBIE,
Assistant to Comptroller General.

No. 283.

To

THE COMPTROLLER GENERAL,

DEPT. OF FINANCE AND COMMERCE.

SIR,

I am directed to acknowledge the receipt of your letter No. $\frac{A}{84}$, dated the 13th December 1879, reporting the result of the audit of the accounts of the Calcutta University for the year 1878-79, and in reply to state that the items referred to in paragraph 1 thereof should appear on both sides of the accounts as pointed out by you.

(True extract.)

(Sd.) PRANKISSEN GHOSH,

for *Chief Superintendent,*

Comptroller General's Office.

RESOLVED—

That the Syndicate sanction the payments referred to in paragraph 1 of the Comptroller General's letter, and that the Registrar be directed to enter these items on both sides of the accounts in future years.

142. Read a letter from the Assistant Secretary to the Government of Bengal in the Public Works Department, stating that the cost of executing the quadrennial repairs of the University building will be Rs. 2,078, and requesting the University authorities to lodge this sum in the Bank of Bengal after the 1st of April next.

ORDERED—

That the Registrar pay Rs. 2,078 into the Bank of Bengal to the credit of the Public Works Department after the 1st of April next, and request them to begin work after the annual meeting of the Senate.

143. The Registrar submitted the report of the Committee appointed to advise the Syndicate with regard to the selection of text-books in Sanskrit for the Entrance Examination.

ORDERED—

That the selection compiled by Pandit Harischandra Kaviratna be adopted for the Entrance Examination of 1882.

144. The Registrar proposed the following alteration in the system of marking at the Entrance Examination :—

(1.) Each paper shall consist of a certain number of pass questions carrying 50 marks, and of a certain number of class questions carrying 25 marks.

(2.) The minimum for passing in the 3rd Division shall continue the same as at present, *viz.*, 124.

(3.) The minimum for passing in the 2nd Division shall be raised from 160 to 240.

(4.) The minimum for passing in the 1st Division shall be raised from 200 to 300.

ORDERED—

That the Registrar circulate the proposal to the heads of affiliated institutions, and to Directors of Public Instruction and Inspectors, for their opinion.

145. The Registrar proposed that the following foot-note should be appended to the word "School" in the marginal note to the Entrance Certificate :—

"No school, the existence of which is not certified by a Government Inspector of Schools, will be recognized by the Syndicate."

ORDERED—

That the question be deferred to the next meeting.

146. Read letters from Bhutnath Chatterjee and Upendranath Chatterjee, praying to be admitted to the degree of B.C.E. at the ensuing Convocation, in accordance with paragraph 8 of the regulations for the degree of Bachelor in Civil Engineering.

ORDERED—

That the two applicants be admitted to the degree of Bachelor in Civil Engineering.

147. The Examiners for Honours reported that the following graduates had attained the required standard for Honour :—

ENGLISH.

FIRST DIVISION.

Maitra, Herambachandra ... Presidency College.

SECOND DIVISION.

In Order of Merit

Basu, Bhupendranath		Presidency College
Chattopadhyay, Pankajakumar	...	Ditto.
Ray, Sasadhar		Ditto.
Ghosh, Ramottam		Ditto

THIRD DIVISION

In Order of Merit.

Sarkar, Jaganmohan	...	Dacca College
Basu, Krittantakumar	...	Presidency College.

HISTORY

THIRD DIVISION.

In Order of Merit

Ghosh, Manmathanath	.	Free Church Institution.
Chaudhuri, Tarapada	...	Presidency College

PHILOSOPHY

SECOND DIVISION

Chaudhuri, Tarakisor		Presidency College

MATHEMATICS

SECOND DIVISION

In Order of Merit

Mukhopadhyay, Krishnadhan	...	Presidency College.
Sengupta, Kisorimohan	..	Ditto.

THIRD DIVISION

Mitra, Amulyacharan	..	Presidency College

PHYSICAL SCIENCE.

FIRST DIVISION.

In Order of Merit

Datta, Brajaballabh	...	Presidency College.
Das, Gobindachandra	...	Ditto.

SECOND DIVISION.

In Order of Merit.

Sarkar, Charuchandra	...	Presidency College.
Chattopadhyay, Rajendranath	...	Ditto

Babbu Singh	...	Muir Central College.
Bagchi, Kedar Nath	...	Ditto.
Basil, M. M.	...	Presidency College.
Ray, Atulkrishna	...	Ditto.

THIRD DIVISION.

Pal, Maniklal	...	Hugli College.

148. The Examiners also reported that the following graduates had attained the standardfor the degree of M. A. :—

In Alphabetical Order.

Basu, Kedarnath	...	Sanskrit College.
Bhattacharyya, Jugadas	...	Cathedral Mission College.
Chaudhuri, Mohinimohan	...	Krishnaghur College.
De, Narendralal	...	Presidency College.
Gangopadhyay, Narendranath	...	Muir Central College.
Maitra, Upendranath	...	Presidency College.
Mukhopadhyay, Chandrasekhar	...	Teacher.
„ Mukundadeb	...	Hugli College.
Ray, Kaliprasanna	...	Presideney College.
Sarkar Asutosh	...	Dacca College.

149. The following M. A. and B. A. remuneration bill was passed :—

Names.	Subjects.	Amount.
		Rs. As. P.
K. Deighton, Esq.	English ...	2,087 0 0
The Rev. M. A. Sherring ...		2,087 0 0
The Rev. Dr. K. M. Banerjea ...	Sanskrit ..	1,503 8 0
Pandit Maheschandra Nyayaratna ...		1,503 8 0
A. C. Edwards, Esq.	Latin ...	300 0 0
The Rev. J. Edwards		300 0 0
John Eliot, Esq.	Mathematics .	2,112 8 0
A. M. Nash, Esq.		2,112 8 0
The Rev. Jas. Robertson	History ...	1,797 8 0
The Rev. W. Hastie		1,797 8 0
Dr. A. F. Rudolf Hoernle	Mental and Moral Science.	1,793 0 0
A. E. Gough, Esq.		872 0 0
The Rev. Father Peneranda, S. J. ...	Physical Science	957 8 0
W. Booth, Esq.		959 0 0
Dr. Geo. King	Botany ...	300 0 0
R. Lydekker, Esq.	Physiology and Zoology.	150 0 0
R. Lydekker, Esq.	Geology ...	150 0 0
Major H. S. Jarrett	Entrance, F. A. and B. A.	750 0 0
Dr. G. W. Leitner	Entrance and F. A.	600 0 0
TOTAL RUPEES ...	.....	22,132 8 0

The following B L. remuneration bill was passed :—

Names	Amount.		
	Rs	A	P.
R Mittra, Esq ..	500	0	0
Baboo Upendranath Mitra	500	0	0
TOTAL Rs	1,000	0	0

The following Honours in Arts and M. A. remuneration bill was passed :—

Names	Subject.	Fixed fee.		
		Rs	A.	P.
K. Deighton, Esq The Rev M A Sherring .. The Rev. K. M Banerjea ... Pundit Maheschandra Nyayaratna . The Rev Jas. Robertson .. The Rev. W Hastie ... ... Dr A F Rudolf Hoernle ... ... A. E Gough, Esq. ... .. John Eliot, Esq . W. Griffiths, Esq. ... ... W. Booth, Esq. . . . S A Hill, Esq ... ... Dr. Geo. King	English .. Sanskrit History Mental and Moral Science .. Mathematics Physical Science Botany	150 150 150 150 150 150 150 150 150 150 150 150 150	0 0 0 0 0 0 0 0 0 5 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0
TOTAL Rs.		1,950	0	0

Account, Premchand Fund.

The following Premchand Raychand Studentship remuneration bill was passed :—

Names.	Subjects.	Fixed fee amount.
		Rs. A. P.
Fred. J. Rowe, Esq.	English ...	100 0 0
The Rev. K. M. Banerjea	Sanskrit ...	100 0 0
John Eliot, Esq.	Pure Mathematics .	100 0 0
Dr. H. W. McCann	Mixed Mathematics	100 0 0
The Rev. Jas. Robertson	History ...	100 0 0
The Rev. W. Hastie	Mental and Moral Science ...	100 0 0
TOTAL Rs.	...	600 0 0

150. The following bills of contingencies were passed :—

		Rs. A. P.	Rs. A. P.
1	Bill, expenses incurred during the last Entrance and F. A. Examinations held at Jabalpur	47 4 0	
1	„ expenses incurred during the last Entrance and F. A. Examinations held at Lahore ...	100 14 9	
1	„ expenses incurred during the last Entrance Examination held at Bhagalpur ..	97 1 3	
1	„ expenses incurred during the last Entrance Examination held at Peshawar ...	3 11 3	
1	„ expenses incurred during the last Entrance Examination held at Sylhet ...	26 13 0	
1	„ expenses incurred during the last Entrance and F. A. Examinations held at Midnapur	33 6 9	
1	„ expenses incurred during the last Entrance and F. A. Examinations held at Agra ...	178 10 6	
			487 13 6
1	„ Mr. A. M. Nash, for tabulating the Examination marks ...	300 0 0	
1	„ Mr. K. Deighton, for superintending B. A. Examination at Agra	200 0 0	
1	„ Messrs. Harman & Co., for a new gown ...	50 0 0	
1	„ Messrs. Harman & Co., for safe custody of gowns	50 0 0	
1	„ Ray Press, for printing examination papers	10 0 0	
	Carried over ...	610 0 0	487 13 6

		Rs.	A.	P.	Rs.	A.	P.
	Brought forward ...	610	0	0	487	13	6
1	Bill, Baptist Mission Press	12	0	0			
1	„ Kaylaschandra Basu & Co., for a stop cock	5	0	0			
1	„ Deputy Commissioner of Police, for constables	70	0	0			
1	„ Messrs. Newman & Co., for a Typograph	130	0	0			
1	„ insufficient postage to letters received ...	0	4	6			
1	„ Telegraph to Assam	1	0	0			
1	„ conveyance to Teachers and Librarian, Presidency College, for superintending the University Examination	105	0	0			
1	„ Deputy Inspector of Schools, for expenses incurred while investigating the Krishnagar personation case	11	12	9			
1	„ ticca duftries during the B. A. Examination	7	2	0			
1	„ binding *India Gazette* for 1879 ...	6	0	0			
1	„ cost for sending the answer papers to the Mofussil Examiners .. .	7	10	0			
1	„ sealing wax, &c.	4	0	0			
1	„ gharry hire for Clerks on duty ...	19	0	0			
1	„ dusters for office use	2	4	0			
1	„ Municipal Taxes, house-rate, 4th quarter, 1879	150	0	0			
1	„ „ „ lighting, police, &c., 1st quarter, 1880 ...	116	4	0			
					1,257	5	3

Account, Library Fund.

1	Bill, Messrs. Thacker, Spink & Co., for new books.				427	9	0
	TOTAL ...				2,172	11	9

CHARLES H. TAWNEY,

Registrar.

(Confirmed.)

ALEX. J. ARBUTHNOT,

Vice-Chancellor.

ENTRANCE EXAMINATION, 1879.

Comparative Table showing the number of Candidates sent forward from each School or College, the number passed, and the number failing to obtain the minimum marks allotted to each separate subject.

Names of Institutions	Number of Candidates.	Passed in the			Failed in				Absent
		First Division	Second Division	Third Division.	English.	Second Language	History and Geography.	Mathematics	
Agra College ...	11	2	4	2	3	3	2	2	...
Agarpara C. M. S. Institution ...	4	...	...	..	2	2	2	3	1
Ajmere Government College ...	5	1	1	1	1	. .		2	...
Ajodhya H C. E. School ...	3	..			3	..	1	3	. .
Albert School ...	13	2	4	1	3		...	4	
Allahabad High School . .	21	...	4	4	11	2		7	2
Allahabad A. V. C. School ...	3	.			3	2	1	1	.
Allahabad American Mission School	1	...			1		...		
Allygarh Zila School ...	8	..	1	...	6	5	3	7	.
Allygarh M A. O. College ...	13	...	2	4	5	3	4	3	.
Amvta School ..	1	...	1	. .	..	...	...	..	..
Andul School ...	3	...			3	...	1	2	.
Armenian Phil. Academy	4	...	1	1	1	.	.	2	...
Arrah School	19	2	3	2	11	7	3	6	1
Aryan School	25	...		1	24	20	14	23	..
Badla A. V. School	3		.		2	1	..	2	1
Bagirhat H. C. E. School .	6	..	...	1	3	3	2	3	2
Bagnan School	4	...		2	1	...	.	1	1
Bahraich Zila School	4	...		1	3	.	2	3	...
Baidyabati E. School	5	...	2	...	2	1	2	3	.
Balagar School	2	...	...		1			2	..
Balarampur Zila School	3	...	..	1	2	1	1	2	...
Balasore Zila School	10	...	4	1	2	1	1	5	...
Balasore Lokenath H. C. E. School	1	..		1	.		..	...	...
Bali Seminary ..	2	...			2	...	2	..	.
Baluti H. C. E. School	3	...	1	1		...	...	...	1
Banawariabad H. C. E. School .	3	...		2	1	1	1	1	...
Banda Zila School ...	3	...			3	...	.	1	...
Bankipur Training Academy ..	9	...			9	7	5	7	..
Bankura Government School	12	3	1	4	3		..	3	..
Barabanki High School	5			..	4	2	1	2	1
Carried over	209	10	29	30	115	61	48	100	10

Names of Institutions.	Number of Candidates.	Passed in the			Failed in				Absent.
		First Division.	Second Division.	Third Division.	English.	Second Language.	History and Geography.	Mathematics	
Brought forward ...	209	10	29	30	115	61	48	100	10
Barari H. C. E. School ..	5	...	1	...	4	1	1	3	...
Baraset Government School ..	13	.	4	1	6	2	3	5	...
Bareilly Collegiate School	15	. .	7	6	2	1	..	1	...
Barrackpur School . .	9	1	4	...	3	.	1	2	...
Barripur School	1	.		. .	1	...	1	1	...
Batala Boarding School ...	2	.	2		..	...	...	...	. .
Basirhat Municipal School ..	3	...	1	.	1	1	1	2	...
Beaur Mission School ..	2	..	. .	..	2	...	.	2	...
Beerbhoom School .	14		9	1	3	..	...	3	...
Behala Mission School	2	1	.	1	..	.	..	...	...
Behar School ...	8	.	1	...	7	3	3	5	...
Benares College	40	..	11	10	12	10	5	13	...
Benares Bengallytola Preparatory School ...	7	...	1	2	3	...	..	4	..
Benevolent Institution .	2		...	.	1	1	2	2	...
Bengal Academy, Simla ..	7	...	.	2	5	2	1	3	..
Berhampur Collegiate School ...	12	1	4	1	4	..		6	...
Bhagalpur Zila School ...	11	...	6	. .	2	2		3	...
Bhastara School ...	1	...	...	.	...	...	1	1	...
Bishop School, Nagpur ...	1	...	1	...	...	...	...	..	...
Bishop Cotton School, Simla ...	11	2	5	...	...	2		4	...
Bishunpur H. C. E. School ..	2	...	...	1	1	...	...	.	...
Bogra Zila School ...	5	..	1	2	1	1	...	1	. .
Bowbazar A. S. Institution ...	5	...		...	.	...	...	...	...
Boroe A. S. School ...	2	..	...	2	...	...	..	..	...
Boys' High School, Allahabad .	2	...	2	.	.	...	...	...	...
Burdwan A. V. School ...	8	.	.	...	7	7	5	7	1
Burdwan English School ..	11	...	...	1	9	2	4	6	...
Burdwan Maharaja's School ...	10	1	...	2	7	1	...	6	...
Barahanagar Hindu School ...	4	...	...	...	4	2	...	2	...
Barisa School	3	1	...	1	1		..	1	...
Barisal School ...	15	2	10	1	...	1	...	...	1
Calcutta High School ...	2	...	...	..	2	1	1	2	...
C. M. School, Amritsar . .	4	...	1	. .	3	3	1	2	...
C. M. H. School, Azimgarh ...	4	...	...	...	4	1	1	3	...
C. M. School, Lucknow ...	5	...	1	...	4	2	4	4	...
C. M. H. School, Jabalpur ...	6	...	1	1	2	2	...	3	1
C. M. School, Jounpur . .	1	...	1	...	...	...	...	...	...
C. M. H. School, Meerut ...	3	...	...	2	1	1	...	...	...
Carried over ..	467	19	103	67	217	110	83	197	13

Names of Institutions	Number of Candidates	Passed in the			Failed in				Absent
		First Division	Second Division	Third Division	English	Second Language	History and Geography	Mathematics	
Brought forward	467	19	103	67	217	110	83	197	13
C M School, Calcutta	3	.		2	..	1		1	
Calcutta Institution	7	1		1	5	1	1	3	
Calcutta Madrassa	19		4	3	10	3	5	7	1
Calcutta Seminary	14				13	9	7	12	.
Calcutta Training Academy	13		1	3	6	7	4	7	.
Canning College, Lucknow	23	1	8	5	6			4	1
Cawnpore Girls' School	1		1						
Cawnpore Zila School	9		2	2	5	4	1	3	
Cawnpore Memorial School	1							1	
Central College, Rutlam	4			2	2			2	
Chandernagor School	7		2		5	3	5	2	.
Chatmohar Sambhunath School	10	..		1	8	6	7	8	
Chinsurah Hindu School	11	.	.		11	8	6	10	.
Chinsurah Grammar School	7			1	6	4	4	5	.
Chittagong Collegiate School	10		1	1	5	3	1	8	
Chirst Church School, Cawnpore	3	..		1	1			2	
Chatra E School	2		1	1					
City School	34	1	8	5	12	6	3	14	1
Commillah Zila School	16	2		3	4	8	7	7	.
Commillah Maharaja's School	14	..			8	11	9	10	1
Cuttack Academy	6		1		4		1	3	.
Cuttack Collegiate School	14		3	4	5	3	1	4	1
Cutwa H C E School	3			1	2		1	1	1
Debrugarh Zila School	2				2	1		1	.
Dacca Collegiate School	29	4	9	2	11	4	2	10	
Dacca School	23				21	19	18	20	1
Daulatpore H C E School	5			3	2	2	1		
Dasghara H C E School	3	...			3	1	1	3	
Dehra Dun Training School	3	..		1	2			2	
Dehra Female School	1	...	...	...			..	1	...
Dehra Dun Mission School	1	.	1	..			...		
Delhi District School	9		1	1	4	3		2	2
Deogurh Zila School	6		1	1	4	3	3	3	
Dewas High School	3				2	1	1	3	..
Dhar High School	3		...	1				2	
Digapatia H C E. School	6		..		6	4	1	5	
Dinajpore Zila School	5	.	3	1	1	1	1	1	
Doveton College ..	12	1	3	1	3	5	3	7	..
Durgapur Training Academy	10		..	.	8	4	9	7	
Durbar School, Khatmandu	1			..				1	
Entrance School, Nasirabad	11	1	2		3	6	2	4	
Free Church Institution, Calcutta	37	1	5	2	26	10	5	22	.
Carried over	868	31	160	116	433	251	193	405	22

Name Institutions.	Number of Candidates.	Passed in the			Failed in				Absent.
		First Division.	Second Division.	Third Division.	English.	Second Language.	History and Geography.	Mathematics.	
Brought forward ..	868	31	160	116	433	251	193	405	22
Free Church Institution, Chinsurah	21	..	2	2	16	13	6	14	..
Free Church Institution, Nagpur..	23	...	7	3	9	9	...	12	...
Faridpur Zila School ...	11	...	4	4	1	..	..	3	..
Furrakabad Zila School ..	6	...	1	1		4	...	1	...
Fyzabad Zila School .	8	...	1	3	2	.	..	3	...
Garden Reach School ...	6	...	1	1	3	2	2	4	...
Gazipur Mission School ...	5	...	1	3	1	..	...	1	...
General Assembly's Institution ...	60	1	7	9	36	12	17	36	..
Goalpara Zila School ...	5	.	..	1	4	4	1	4	...
Gonda High School ...	5	...	...	1	4	3	..	..	...
Gorakpur Church Miss. H. School	6	.	...	1	5	1	3	5	...
Gosai Durgapur School ..	2	...		..	1	2	...	2	.
Gobardanga School .	4	...	2	.	1		...	2	...
Gowhati Zila School ...	7	.		4	1	3	1	3	.
Guzrat Government School .	8	.	..	1	5	3	..	6	...
Guzranwala M. School ...	1		.	1	...		...	...	...
Gya Zila School	11	..	...	2	4	3	2	7	...
Haidergarh A. V. T. School ..	1	...	...	..	1	...	...	1	...
Hamilton's School, Tamluk ...	7		2	.	4	3	2	5	...
Hare School ...	62	8	23	13	12	3	1	13	
Hazaribag Zila School ...	6	1	2	2	...	...		1	...
Hetampur School ...	3	...	...	...	2	...	2	2	..
Hindu Academy ...	3				3	2	3	3	...
Hindu School ...	52	12	10	12	16	9	5	11	...
Hugli Branch School ...	21	2	7	3	6	2	...	7	...
Hugli Collegiate School ...	31	1	9	5	15	10	1	8	...
Harinavi A. S. School ...	7	1	5	1	..	..	...	...	...
Howrah School ..	14	1	4	1	6	1	1	5	.
Hume's High School, Etawah ...	3	...	1	2	...	..	..	...	...
Hurdui High School ...	8	...	...	1	6	3	2	7	...
Husiarpur District School ...	10	...	2	3	4	1	...	3	..
Hashara Kalikisore School ...	5	...	...	...	5	3	4	5	...
Ilsoba Mondali School ...	3	...	...	...	3	...	...	3	...
Indore E. School ...	8	.	.	2	6	1	1	6	...
Indore Residency College ...	5	2	2	1	..	...	...	...	...
Indian Institution ..	26	1	3	2	17	3	7	15	...
Intally Institution ...	3	...	..	1	2	2	1	2	...
Jagannath School, Dacca .	32	.	6	5	15	11	...	12	2
Jagatballabpur, H. C. E. School ...	2	...	...	1	1	...	...	..	...
Jalandar Mission School ...	3	...	...	.	2	2	1	3	...
Jalpaiguri Zila School ...	3	...	1	1	1	...	1	...	...
Carried over ...	1,375	61	263	209	653	366	257	620	24

Names of Institutions	Number of Candidates.	Passed in the			Failed in				Absent.
		First Division.	Second Division.	Third Division.	English.	Second Language.	History and Geography.	Mathematics.	
Brought forward ..	1,375	61	263	209	653	366	257	620	24
Jahanabad H. C. E. School	4		1	2	1	1	1	1	.
Jenkins' School, Cooch Behar ...	12	2	4	3	2	1	2	3	..
Jessore Government School	13	1		2	8	7	4	7	.
Jeypur Maharaja's College ..	4	.		2	2	2	1	1	..
Jhang Upper School	5	.	1	1	3	2	..	2	...
Jhenidah H. C. E. School	4	.		1	1	3	3	3	...
Janaye Training School .	3	.	.		2	1	1	3	...
Jaynarayan's College, Benares .	12	...	1	..	11	2	4	7	..
Jaynagar Institution ...	5	2	1	1	.	..	1	...	...
Jabalpur High School ...	34	1	14	5	11		.	10	...
Johnstonegunj A. V. City School	2	..			2	.	1	2	...
Kaliparah H. C. E. School	1	..		.	1	1	1	1	..
Kalia English School ..	10		2	1	6	3	6	6	...
Kalna F. C. Mission School ..	8	.	2		6	3	1	4	..
Kalna Maharaja's School .	5	...	1	..	4		1	1	...
Kanchrapara H. C. English School	2		1	..	1	1	...	1	..
Kandi School (Berhampur) ...	7	1	3	2	1	...	...	1	...
Kandy Trinity College ..	6		3	1	...	...	..	2	...
Kapurthala School ...	1	..	...	.	1	..	...	.	...
Kasipur Kasinath School ..	7	...		1	5	2	1	4	...
Khagol H. C. E. School ..	4				4	3	3	4	...
Khulna H. C. E. School ..	4	..	..	1	2	2	1	1	.
Krishnaghar A. V. School ..	14	..	1	2	10	4	4	9	.
Krishnaghar Collegiate School ...	60	2	11	7	34	28	22	35	...
Konnagar School ...	11	1	2	..	6	5	5	6	..
Kucheakhol Radha Institution ..	9	1	1	2	5	1	1	4	...
Kumar Khali H. C. E. School	4	...	1	1	1	1	2	2	...
Kunjalal Institution, Okrah ...	2		1	...	1	...	...	1	...
Kushtea English School ...	5	..	1	.	..	1	1	2	1
Lahore High School ...	17	4	7	1	3	2	...	3	2
Lahore Mission School ...	5	...	1	...	2	...	1	2	1
Lakshmipasa H. C E. School ...	5	...	...	2	1	1	1	2	...
Là Martiniere College, Calcutta ...	3	..	1	1	1	1	...	...	...
Là Martiniere College, Lucknow ...	13	3	4	3	2	...	...	2	..
L. M. Institution, Mirzapore ..	1	...	...	..	1	...	...	1	...
L. M. School, Midnapore ...	6	...		1	5	2	5	3	...
L. M. High School, Benares ...	6	...	...	1	4	1	2	4	...
L. M. S. Institute, Bhowanipur ...	31	1	11	8	10	4	3	4	...
L. M. S. Institution, Badurea ...	2	...	...	1	...	...	...	1	...
L. M. S. School, Khagra ...	6	...	...	1	5	...	...	3	...
Ludhiana Mission School ...	2	.	1	1	...	...	...	...	...
Luckimpur Zila School ...	2	...	.	...	1	...	1	1	...
Carried over ...	1,732	80	340	264	819	451	337	769	28

Names of Institutions.	Number of Candidates.	Passed in the			Failed in				Absent.
		First Division.	Second Division.	Third Division.	English.	Second Language.	History and Geography.	Mathematics.	
Brought forward ...	1,732	80	340	264	819	451	337	769	28
Magura H. C. E. School ...	1	...	1	...	...	...	...	...	...
Mahanand Mission School ..	4	...	...	...	3	...	...	2	...
Mahespur H. C. E. School (Bhagalpur) ...	6	.	...	1	4	...	3	4	...
Mahespur H. C. E. School (Krishnaghar) ...	3	...	...	...	3	2	3	3	...
Malda Zila School ...	4	1	3	..	...	...	...		...
Matihari Zila School ...	5	...	1	...	2	1	1	4	...
Metropolitan Institution ...	41	1	15	7	16	3	7	11	...
Do., Syampukar Branch...	25	1	4	3	14	4	7	12	...
Midnapur Collegiate School ...	16	1	4	3	7	6	4	5	...
Meerut Zila School ...	6	...	2	...	3	4	3	2	...
Mirzapore Zila School ...	3	.	1	1	1	1	...	...	...
Mission Normal High School, Bareilly ...	11	...	...	..	8	7	3	10	...
Mafid Khalik School, Aligarh ...	1	...	...	...	...	...	...	...	1
Mogultuli School, Commillah ...	3	...	...	...	3	3	3	3	...
Maharani Sarnomoyi's School, Ulipore ...	3	...	1	1	...	...	...	1	...
Maharajah Narendrakrishna's H. C. E. School, Hatugunge ...	3	...	...	1	1	...	1	1	...
Monghyr Zila School ...	13	1	2	1	7	6	2	5	...
Monghyr Christian Mission School,	4	...	1	...	3	1	1	3	...
Monghyr City School ...	4	...	...	...	4	2	2	4	...
Moradabad High School ...	10	...	2	...	6	3	3	7	...
Moradpur School, Bankipore ...	10	...	1	...	9	7	5	9	...
Mozufferpore Zila School ...	8	...	...	2	5	5	2	5	...
Madrassah-i-Unwariah ...	7	...	...	...	5	2	2	6	...
Mufti School, Sylhet ...	3	...	...	...	3	3	3	3	...
Muragacha School ...	7	...	...	2	5	5	4	5	...
Muttra Zila School (Superior) ...	4	...	...	2	1	...	...	2	...
Mymansing Zila School ...	18	1	8	4	4	2	1	3	...
Nagpur City School ...	13	...	7	1	5	...	...	4	...
Naral H. C. E. School ...	14	2	5	2	3	3	1	3	...
Nabadwip Hindu School ...	7	1	1	3	2	...	...	1	...
Nabab Abdul Gunny's F. School ..	10	...	3	4	2	2	2	1	...
Nakipur H. C. E. School ...	1	...	..	...	1	1	1	1	...
Nizamat School, Murshedabad ...	13	...	3	2	8	3	...	6	...
Noakhali Zila School ...	9	..	...	1	5	5	2	4	...
Northbrook School ...	5	. .	...	...	5	2	3	3	...
Nowgong Zila School . .	5	...	1	...	3	3	1	3	...
Oriental Seminary ...	15	1	7	2	4	...	...	4	...
Carried over ...	2,047	90	413	307	974	537	407	909	29

Names of Institutions	Number of Candidates	Passed in the			Failed in				Absent
		First Division.	Second Division	Third Division	English	Second Language	History and Geography	Mathematics	
Brought forward ..	2,047	90	413	307	974	537	407	909	29
P. Gupinathpur School	4	.	1		3	3	3	3	.
Pachamba H C English School ...	3		...	1	1	1	1	2	..
Pakur School ..	3		3	.		.	.		.
Palamow Government School	2			.	2	1	1	2	..
Pandra H C E School	3			1	2	...		1	.
Patiala Maharaja's College	2			1				1	.
Patna Collegiate School	35		8	6	16	5	1	15	.
Paul's School Backergunj, Bankipur	10		..	1	8	8	6	7	1
Peshwar Mission School	1			1					
Pogose School, Dacca ..	25	1	12	5	3	5	1	6	.
Prannath School, Satkhira	4			1	3	.		2	
Pratapgar High School ..	7		3	2	2		1	1	
Private Students	64		4	6	50	26	25	43	3
Pabna Government Zila School ...	11	.	2	3	3	1		4	
Puri Zila School ..	3			2	1		..	1	
Purulea School	11		2	4	4	1	1	4	
Putea H C E School	5			2	2	2	...	3	.
Rajshahye Collegiate School .	18	2	9	2	4	3	...	1	1
Ranaghat A V School	3		1	1		1		1	..
Rawalpindi Mission School	1				...		.	1	.
Ranchi Government Zila School	6		2	3		1	.	.	
Rangoon Government High School	7	2	4	1				.	..
Ray Bareilly High School	6			2	4			3	
Rungpur Collegiate School ..	7		1	1	2	3	1	3	1
Ruplal Raghunath School	22		2	3	10	13	11	16	
Sanskrit Collegiate School	31	2	1	5	22	5	6	19	1
Santipur Municipal School	8		2	4	1	1	1	2	.
Santosh Janhabi School	9	2	1	2	3		1	3	...
Saradaprasad Institution, Chakdighi	3			1	2			2	
Saran School (Chapra)	9	1	2	1	3	2		1	1
Seal's Free College	15		2	2	11	2	7	8	..
Searsole School ..	4		3		1		.		..
Serajgunj H C E. School	9	1	1	2	3	4	3	3	.
Serampur College	8		1	1	4	3	1	5	
Saharanpur Mission School ..	3		...		2	3	...		
Shajehanpur High School	4		1	1	2	1		2	
Shampukur Preparatory School	11		...		9	6	9	10	1
Shillong Zila School ..	3				2	2		3	.
Sibpur H C E. School .	7	..		2	5	2	...	4	...
Sibsagar Zila School ..	3		1	1	1				.
Silchar Government School .	5		2		2	2		3	.
Sctapur High School .	5	.	...	1	4	1	2	2	.
Carried over .	2,447	101	484	379	1171	645	489	1096	38

Names of Institutions	Number of Candidates	Passed in the			Failed in				Absent.
		First Division	Second Division	Third Division	English	Second Language	History and Geography	Mathematics	
Brought forward	2,447	101	484	379	1171	645	489	1096	38
Sodepur School	7		2		4	4	5	5	.
Do. H C E School	1				1	1	1	1	..
Suburban School, Kalighat ...	21	2	7	4	7	1	1	5	..
South Baharu H C E School	3	..	1	2					.
Sredharpur H C E School	7			1	3	6	2	5	.
St Chrysostom's School	3			...	3	2	2	3	...
St Francis De Sales' School	2		.		.	1		1	..
St. George's College, Mussoorie	3			1		2			.
St James's School ...	4		1		2	1	1	2	1
St John's College, Agra	14	1	4	2	6	2		5	
St Joseph's School	8		2		3	3		6	.
St Mary's Institution, Chandernagar	4	.	1		2	2	1	2	.
St Paul's School, Darjeeling	4	1	.	1				2	.
St Peter's College, Agra	4		.	1	2	3		2	.
St Peter's C M School, Allahabad	8			1	6	6	2	6	.
St Stephen's High School, Delhi	3				2	3	1	1	..
St Thomas's College, Colombo	12	.	4	1	1	5		7	..
St Xavier s College .	25		3	3	7	6	3	15	..
Sultanpur School	7				5	5	1	6	.
Sylhet Government School .	16	2	4	7	1	1	..	2	
Taki H C E School	1		.	1			.		.
Taltala School	1				1	1	1	1	.
Teghoria School	4		1	1	2	2	2	2	.
Teachers	17	1	2	4	6	4	2	5	1
Tezpur Zila School	1		1						.
Tekari H C E School	2	.	.		2	2	1	2	.
Ulwar High School	3		1	1	1				
Ulwar Thakur School	2				2			2	.
Umritsar District School	12		5	2	4		2	3	1
Unao High School	3	1			2	1		1	.
Useful Arts School	4		1	1	1			2	
Uttarpara School .	25	5	4	10	5	1	1	3	1
Victoria College, Agra	4		1		2	3	1	3	.
Victoria School, Gazipur	5			1	3	2		3	.
Wesleyan Central Institution, Buttealao	2				1	2		1	..
Wesleyan Mission School, Barakpur,	1	..			1				
Wesley College, Colombo	5		1			2		3	1
Zoroastrian College, Mhow	2			1		1		1	
Total	2,697	114	530	425	1259	720	519	1204	43

FIRST EXAMINATION IN ARTS, 1879.

Comparative Table showing the number of Candidates sent forward from each Institution, the number passed, and the number failing to obtain the minimum marks allotted to each separate subject.

Names of Institutions.	Number of Candidates.	Passed in the			Failed in							Absent or expelled.
		First Division.	Second Division.	Third Division.	English.	Second Language.	History.	Mathematics.	Logic.	Chemistry.	Psychology.	
Agra College	10	1	1	3	5	2	3	3	4	...	1	...
Benares College	24	1	3	6	12	6	10	7	8	4	...	...
Berhampur College	19	...	1	1	16	9	10	8	10	1	4	2
Canning College, Lucknow	21	...	...	8	10	6	7	3	7	3	..	1
Cathedral Mission College	37	...	1	10	20	20	15	13	14	8	3	4
Chittagong College	8	...	..	2	4	3	3	4	4	...	1	1
Cuttack College	8	1	2	1	3	3	2	1	3	4	...	...
Dacca College	76	1	7	10	56	29	42	20	43	18	3	1
Doveton College	13	1	2	6	3	2	2	...	2	1	1	1
Free Church Institution, Calcutta ...	39	.	2	6	27	14	15	18	16	4	5	2
General Assembly's Institution ...	153	6	14	20	99	68	61	75	77	28	29	6
Hugli College	73	...	12	8	40	38	44	32	41	21	...	4
Jabalpur High School	13	.	3	1	8	...	1	3	3	3	...	...
Krishnagar College	37	1	5	3	20	14	23	19	24	19	...	1
L. C. E.	2	1	1	..	...	...	..	...	...	...	...	...
Lahore College	12	...	2	4	3	1	1	5	2	...	1	...
La Martiniere College, Calcutta ...	2	...	...	1	1	1	1	1	1	1	...	
L. M. School, Benares ...	6	...	..	3	3	1	3	2	2	...	...	1
L. M. S. Institution, Bhowanipur ...	31	.	6	1	19	3	5	12	20	3	2	1
Metropolitan Institution	114	3	6	21	74	45	46	57	45	6	39	7
Midnapur College	13	...	1	7	5	4	5	5	5	...	3	...
Maharaja's College, Jeypur	5	..	1	1	3	...	1	2	2	.	2	...
Muir Central College, Allahabad ...	23	5	2	7	7	1	3	5	6	3	..	1
M. A. O. College, Aligarh	1	...	...	.	1	.	1	1	1	..	..	...
Patna College	66	.	5	15	38	22	33	33	36	26	1	1
Presidency College	117	9	22	16	52	45	44	47	52	23	12	7
Rajshahye College	27	1	4	1	18	14	15	15	13	7	...	1
Rungpur College	2	...	.	.	.	1	..	1	1	..	.	1
Sanskrit College	15	1	3	1	7	1	5	4	3	...	3	2
Serampur College	2	...	...	...	2	...	...	..	...	..	.	...
St. John's College, Agra	3	...	...	3	...	...	.	.	..	..	...	...
St. Thomas's College, Colombo ...	4	...	1	...	2	...	1	3	2	...	..	.
St. Xavier's College	31	...	4	2	21	13	17	16	20	7	6	3
Teachers	28	1	1	5	15	8	7	13	11	4	2	3
Trinity College, Kandy	3	...	...	1	..	1	...	2	2	2	...	...
Wesley College, Colombo	2	...	...	1	...	...	...	...	...	...	...	1
Total ...	1,040	33	112	175	594	375	426	430	480	196	118	52

B. A. EXAMINATION, 1880.

A. COURSE.

Names of Institutions.	Number of Candidates.	Passed in the			Failed in						Absent.
		First Division.	Second Division.	Third Division.	English.	Mathematics.	Second Language.	History.	Philosophy.	Optional Mathematics.	
Agra College	4	1	1	1	..	1	1	...	1	...	...
Benares College	4	..	...	1	1	3	...	1	2	...	...
Cathedral Mission College	11	...	..	1	7	6	4	...	...	...	...
Dacca College	2	...	1	.	.	1	..	...	...	...	...
Free Church Institution, Calcutta	10	...	...	3	6	5	.	..	2	...	...
General Assembly's Institution	43	...	4	14	17	22	1	3	11	1	1
Krishnagar College	4	...	...	*1	..	2	1	..	...	...	1
Lahore College	6	...		2	...	3	1	.	...	...	1
Muir Central College, Allahabad	6	1	...	1	2	4	..	...	1	...	...
Presidency College	29	..	1	4	12	16	4	1	3	1	6
St. Thomas's College, Colombo	2	...	1	1		...	...	...	..	...	...
St. Xavier's College	3	...	...	.		2	.	1	...		1
Teachers	8	.	.	.	4	6	2	1	1	...	..
TOTAL ...	132	2	8	29	49	71	14	7	21	2	10

B. COURSE.

Names of Institutions.	Number of Candidates.	Passed in the			Failed in								Failed on the aggregate.	Absent.
		First Division.	Second Division.	Third Division.	English.	Mathematics.	Chemistry.	Physical Geography	Physics.	Zoology.	Botany.	Geology.		
Agra College	1	...	.	...		1		1	...	..	.		...	...
Benares College	5	.	...	.	1	3	3	3	..	..		..	...	...
Canning College, Lucknow ...	12	...	3	5	3	2	2	1	2	1	.		...	..
Cathedral Mission College ...	8	...	2	2	1	3			1	...	..	...	...	...
Cuttack College	2	..		1	1	1	1	1		...	1	..	...	...
Dacca College	15	..	3	7	5	1	.	2	1	..	...	.	...	..
Free Church Institution, Calcutta	7	.	...	..	5	1	2	1	..	.	.	...	1	.
General Assembly's Institution	6	.	.	.	3	3	3	2	3	..	.	...	...	1
Hugli College	29	1	5	6	5	9	6	9	1	...	4	.	...	...
Krishnagar College... ...	3	...	...	...	2	2	.		2	.	..		..	1
Lahore College	3	...	...	..	2	2	..	...	...	...	...	2	...	...
Muir Central College, Allahabad	9	.	...	3	2	6	2		6	...		..	.	...
Patna College	12	1	2	5	4	4	2	2	..		2	..	.	.
Presidency College	46	3	9	9	13	13	9	7	12	..		.	..	3*
Rajshahye College	5	...	2	.	1	3	1	3	..	..		...	...	.
St. Xavier's College...	7	..	2	.	3	5	1	3	3	...	.	...	..	...
Teachers	17	...	..	2	7	14	5	8	9	...	1	..	..	1
TOTAL ...	187	5	28	40	58	73	37	44	41	4	8	2	1	6

*One dead.

MINUTES OF THE SYNDICATE

FOR THE YEAR 1879-80.

No. 9.

THE 11TH MARCH.

(In Circulation.)

151. The Examiners in Medicine and Surgery reported that the following candidates had passed the examination for the Degree of Bachelor in Medicine and for the Licence in Medicine and Surgery :—

SECOND M. B. EXAMINATION.

FIRST DIVISION.

In Alphabetical Order.

1.	Basu, Biharikrishna	Medical College.
2.	Mallik, Prasaddas	Ditto.
3.	Ray, Sibaprasad	Ditto.

SECOND DIVISION.

In Alphabetical Order.

1.	Acharyya, Kedareswar	Medical College.
2.	Basu, Prandhan	Ditto.
3.	Mitra, Binodbihari	Ditto.
4.	Mukhopadhyay, Nrityacharan	Ditto.

SECOND L. M. S. EXAMINATION.

In Alphabetical Order.

	Bandyopadhyay, Aghornath	Medical College.
	„ Ishanchandra	Ditto.
	„ Kalinath	Ditto.
	„ Madhabchandra	Ditto.
	Basu, Adyanath	Ditto.
	„ Kisorimohan	Ditto.
	„ Suratlal	Ditto.
	„ Sekharkumar	Ditto.
	„ Suryyakumar	Ditto.
10.	„ Upendrachandra	Ditto.
	Bhaduri Akshaykumar	Ditto.
	„ Gokulchandra	Ditto
	Bhattacharyya, Bamandeb	Ditto.
	„ Jogendranath	Ditto.
	Chakrabarti, Durganath	Ditto.

	Chakrabarti, Narendranath	Medical College.
	Chattopadhyay, Aghorchandra	Ditto.
	„ Annadaprasad	Ditto.
	„ Dandiraj	Ditto.
20.	„ Kalikrishna	Ditto.
	„ Kamalakshya	Ditto.
	„ Priyanath	Ditto.
	Chaudhuri, Apurbakrishna	Ditto.
	Das, Madhabkrishna	Ditto.
	„ Srinarayan	Ditto.
	„ Syamchand	Ditto.
	„ Umeschandra	Ditto.
	Dasgupta, Piyarisankar	Ditto.
	Datta, Annadaprasad	Ditto.
30.	„ Bankabihari	Ditto.
	„ Dinanath	Ditto.
	„ Gosthabihari	Ditto.
	„ Jogendranath	Ditto.
	„ Matilal	Ditto.
	„ Rebatimohan	Ditto.
	„ Upendrakrishna	Ditto.
	Dhar, Batakrishna	Ditto.
	„ Gokulchandra	Ditto.
	Ghosh, Lalbihari	Ditto.
40.	„ Ramchandra	Ditto.
	„ Suryyakumar	Ditto.
	„ Syamacharan	Ditto.
	Gupta, Tarinikumar	Ditto.
	Kar, Nagendranath	Ditto.
	„ Pratapchandra	Ditto.
	Maitra, Trailokyanath	Ditto.
	Mitra, Baradaprasad	Ditto.
	„ Jogendranath	Ditto.
	„ Kailasnath	Ditto.
50.	Mukhopadhyay, Badrikanath	Ditto.
	„ Chandrakumar	Ditto.
	„ Herambanath	Ditto.
	„ Tinkari	Ditto.
	Pal, Kedarnath	Ditto.
	„ Nabadwipchandra	Ditto.
	Ray, Atulchandra	Ditto.
	Saha Kunjabihari	Ditto.
	Sarkar, Atulchandra	Ditto.
	„ Dwarkanath	Ditto.
60.	Sen, Gurugobinda	Ditto.
	„ Gurunath	Ditto.
	„ Kalikanta	Ditto.
	„ Upendranath	Ditto.
	„ Sengupta, Hemchandra	Ditto.
65.	„ Kaliprasanna	Ditto.

FIRST M. B. EXAMINATION.

First Division.

In Order of Merit.

1.	Bagchi, Kalikrishna	Medical College.
2.	Sen, Khagendranath	Ditto.

SECOND DIVISION.

In Alphabetical Order.

Basu, Jaygopal	... ...	Medical College.
„ Narayanchandra	... ...	Ditto.
Chattopadhyay, Bipinbihari	... ...	Ditto.
Das, Siddheswar	... ...	Ditto.
De, Birchand ...	... ...	Ditto.
Gangopadhyay, Kedarnath	... ...	Ditto.
Haldar, Gopallal	... ...	Ditto.
Kshetri, Srikrishna	... ...	Ditto.
Mitra, Upendranath	... ...	Ditto.
Pal, Umeschandra	... ...	Ditto.
Ray, Girijasankar	... ...	Ditto.
12. Sen, Harimohan	... ...	Ditto.

FIRST L. M. S. EXAMINATION.

In Alphabetical Order.

1. Chattopadhyay, Upendranath	... ...	Medical College.
2. Ghosh, Bidhubhushan	... ...	Ditto.
3. Majumdar, Rajkumar	... ...	Ditto.
4. Mitra, Umeschandra	... ...	Ditto.

ORDERED—

That the names of the successful candidates be published in the Gazette.

152. The Registrar reported, in connection with this examination, that the candidates Asraf Hosain, Tarinigopal Palit, and Dinanath Chandra, had used unfair means with the object of passing it, and that the Board of Examiners in Medicine recommended that they should be excluded from the next examination.

ORDERED—

That these three candidates be excluded from the next examination in Medicine and Surgery.

153. Read the following report of the gentlemen appointed to conduct the examination for the Degree of Doctor in Medicine :—

"After carefully examining. Babu Bhagabatchandra Rudra, M. B., we consider him qualified to receive the Degree of Doctor in Medicine."

J. M. COATES, M.D.

R. C. CHANDRA,

K. McLEOD, A.M., M.D.

ORDERED—

That Bhagabatchandra Rudra be gazetted as having passed the examination for the Degree of Doctor in Medicine.

154. Read the following report of the gentlemen appointed to conduct the examination for Honours in Law :—

"We, the Examiners appointed to examine the candidate for Honours in Law, having carefully examined the papers, are both of opinion that his answers were of such a character as to entitle the candidate to Honours in Law."

ANDERSON SOUTTAR.

OPENDRANATH MITTER.

ORDERED—

That Jogendranath Bhattacharyya be gazetted as having passed the examination for Honours in Law.

CHARLES H. TAWNEY,

Registrar.

(Confirmed,)

ALEX. J. ARBUTHNOT,

Vice-Chancellor.

MINUTES OF THE SENATE

FOR THE YEAR 1879-80.

No. 4.

The 13th March.

Present:

THE HON'BLE THE VICE-CHANCELLOR.

THE HON'BLE THE LIEUTENANT-GOVERNOR OF BENGAL.
THE HON'BLE AUGUSTUS RIVERS THOMPSON, C.S.I.
REV. K. M. BANERJEA, D.L.
MAULVI ABDUL LUTEEF, KHAN BAHADOOR.
RAY RAJENDRALALA MITRA, BAHADOOR, C.I.E., D.L.
RAJA HARENDRA KRISHNA, BAHADOOR.
RAY JAGADANANDA MOOKERJEA, BAHADOOR.
BABU PIYARICHAND MITRA.
DR. CHANDRAKUMAR DE.
C. H. TAWNEY, ESQ.
DR. D. B. SMITH.
DR. MAHENDRALAL SIRCAR.
RAY KANAILAL DE, BAHADOOR.
A. W. CROFT, ESQ.
MAJOR H. S. JARRETT.
DR. GEO. KING.
MUNSHI TAMIZ KHAN, KHAN BAHADOOR.
BABU DURGACHARAN LAW.
DR. K. MCLEOD.
BABU ANNADAPRASAD BANERJEA.
MAULVI KABIRUDDIN AHMED.
BABU UMESCHANDRA DUTT.
BABU SYAMACHARAN SARKAR.
THE HON'BLE J. O'KINEALY.
THE HON'BLE MAHARAJA JOTENDRA MOHUN TAGORE, C.S.I.
THE HON'BLE SYUD AHMAD KHAN, C.S.I.
DR. D. D. CUNNINGHAM.
JOHN ELIOT, ESQ.
PANDIT MAHESCHANDRA NYAYARATNA.
REV. LALBIHARI DE.
REV. FATHER LAFONT, S.J., C.I.E.
REV. J. E. PAYNE.
A. M BOSE, ESQ.
BABU KALICHARAN BANERJEA.
C. E. BERNARD, ESQ., C.S.I.
COLONEL F. S. STANTON, R.E.
W. C. BONNERJEE, ESQ.
REV. JAS. ROBERTSON.
A. PEDLER, ESQ.
A. E. GOUGH, ESQ.
THE HON'BLE ARTHUR WILSON.
REV. A. F. RUDOLF HOERNLE.
BABU TRAILOKYANATH MITRA, D.L.
W. GRIFFITHS, ESQ.
BABU GURUDAS BANERJEA, D L.
F. J. ROWE, ESQ.
REV. W. HASTIE.
REV. F. J. BIDEN.
BABU SURYYAKUMAR SARBADHIKARI.
DR R. HARVEY.
BABU GOVIN CHUNDER DUTT.
H. LEVINGE, ESQ.
REV. H. FINTER.
BABU KRISHNABIHARI SEN, M.A.
REV. K. S. MACDONALD.

155. The Senate was convened for the purpose of conferring degrees.

The Vice-Chancellor having declared the Convocation opened, the graduates of the year were admitted to their respective degrees in the usual manner.

The Vice-Chancellor then addressed the Senate and Graduates as follows:—

"The results of the examinations which have recently been held do not present any very marked features as compared with those

of previous years. The variations are such as must be expected to occur, and do not indicate any material change in the standard or progress of education in this Presidency. The University has admitted on its rolls 1,029 fresh under-graduates; 320 University students have passed the First Examination in Arts; 112 have obtained the degree of Bachelor of Arts, and 32 that of Master of Arts; 47, the degree of Bachelor of Laws; one student has obtained Honors in Law, one student has obtained the degree of Doctor of Medicine, and 90 students have passed lower examinations in the Faculty of Medicine. For the examinations in Civil Engineering, at which 26 candidates appeared, all, I regret to say, failed. The entire number of persons who have thus come under the influence of the University examinations during the past year has been 4,398, of whom 1,632 students have passed successful examinations. Of course, out of this number, a very large proportion are young students, who have merely proved that they have made sufficient progress in their school studies to admit of their entering upon the studies of the University course, and many of whom, owing to various causes, will fail to prosecute those studies so as to enable them to obtain a University degree. Of such students, the University, as a University, cannot be expected to make much account. So far as the University is concerned, they must be regarded as failures; but, looking at the question from a somewhat more comprehensive point of view, and having regard to the influence which these University Examinations exercise over the school education, as distinguished from the collegiate education, all over the country, I am disposed to think that we may contemplate with satisfaction the results of these Entrance Examinations, although we may be certain that, of those who pass them, a considerable number will fail to reach the standard which the University marks by her degrees as the standard of a sound education.

"Still, the main business with which the University has to deal, is the regulation of the examinations for degrees and honors in the different branches of Literature, Science, and Art, in which she is empowered by her charter to grant academical degrees and honors; and in connection with this point, I desire to take the present opportunity of offering a few remarks on one or two practical matters which have lately received some attention from the Senate, and which have long been regarded by some of the most experienced members of that body as matters in which reform is needed. When I addressed you last year, I alluded to certain alterations in the rules for the First Examination in Arts and for the degree of Bachelor of Arts, which had for some time been under consideration, and which have for their object, to render the scheme of studies less discursive, to narrow its range, while increasing its depth—in fact, to adopt the principle of a bifurcation of studies which has long been in force

in the leading Universities in England. The principle of these proposals, which originated with our lamented colleague, the late Mr. Woodrow, but which since his death have been further elaborated, was accepted by the Faculty of Arts so far back as the 15th November 1877, but, owing to differences of opinion in regard to matters of detail, has not yet been embodied in the regulations of the University. I trust that in the course of the present year the Faculty of Arts will be able to agree upon some practical mode of giving effect to this important principle, under which the graduates of this University will be encouraged to devote themselves to the special study of those branches of learning for which they have most aptitude,—a principle which has worked so well elsewhere.

"Another suggestion which has been made for improving the Examinations for Degrees in Arts (and the suggestion would apply to the First Examination in Arts also) is, that these examinations, which are at present merely pass examinations, at which all the candidates are given the same papers, should be so arranged as to admit of students taking honors at them. This might be done by having separate sets of papers for students who are candidates only for a pass, and separate sets for students desiring to obtain honors. The arrangement would not have the effect of lowering the standard which all students must now pass; but it would offer to exceptionally clever or industrious students greater opportunities of distinguishing themselves than at present exist, especially in the case of poor students who cannot afford to go through the five years' course which, under the existing regulations, is necessary in order to obtain honors. It would be also, perhaps, a somewhat more fair system than that now in force as regards students of mediocre talents, inasmuch as the pass-papers would contain no questions involving a standard higher than was requisite for passing; while under the present system an examiner is often tempted to set questions well adapted to bring out the ability of the more advanced candidates, in doing which he runs the risk of plucking students of moderate, though respectable, attainments. The suggestion is one which perhaps might be considered in connection with the other question of the bifurcation of studies.

"In alluding to these somewhat technical matters, which are not usually discussed at ceremonial convocations of the Senate, I am influenced by the consideration of the great importance of placing the degree of Bachelor of Arts upon a more satisfactory footing, both as regards its intrinsic value and as regards the estimation in which it is held by the public. At present this degree has an undue prestige attached to it in some quarters, and is unduly depreciated in others. As a mere pass degree, it may be said to be quite on a level with the pass degrees given annually at the Universities of Oxford and Cambridge. The standard, indeed, which is attained by

the students who pass in the 1st Division, and perhaps also in the 2nd Division, is decidedly higher than that of an Oxford or Cambridge Pass; but, inasmuch as every B. A. graduate of the Calcutta University is a B. A., and nothing more, there being no honors connected with this degree, while in the eyes of the Native community (owing to the comparative novelty of University degrees in this country) a somewhat inordinate value is attached to the degree, it has come to be looked upon by many Englishmen in India—who have been brought into contact with graduates of an inferior type, and who do not always make allowance for the difficulties of an education obtained mainly through the medium of a foreign language—as somewhat of a delusion and a sham. It is very desirable that such misconceptions as these should be prevented, and that in India, as in England, an ordinary degree should be understood to represent the acquirement by the holder of that moderate amount of knowledge and mental training which every man of ordinary education ought to possess; while the attainment of a higher standard is only to be expected from those who obtain their degrees with honors. When this state of things shall have been brought about, the real work of the University will be more justly appreciated—the mysterious halo which now, often very absurdly, surrounds the holder of a very ordinary degree will be dispelled, and the real value of the education represented by the degrees of the higher class of graduates will be better understood. The gain to education, and to the estimation in which it is held, will, I venture to think, be considerable.

"Gentlemen, I will now turn to the events of the past year, so far as they have had a bearing upon this University. Of such events there are but few to notice. Outside the University, the year has been one of much public and political anxiety. During the greater part of it the Government of India has been engaged in a war which is not yet concluded; but in the University, and in the colleges affiliated to it, examiners and teachers and students have worked on in peace, in the performance of their usual avocations, undisturbed by the din of arms or by the movements of troops, and but little affected, I believe, by those retrenchments which (owing to the cost of the war and for other financial reasons) have had to be applied to other departments of the public service. One of the most important events of the year, in its bearing upon the educated classes of the community, is the settlement and promulgation of the rules for giving effect to the Act of Parliament which was passed ten years ago to provide additional facilities for the employment of Natives of proved merit and ability in appointments hitherto reserved for the Covenanted Civil Service. How far these rules are adapted to carry out the intention with which the Act was framed, how far they will satisfy the just aspirations of the Natives of this country, how far they will prove

conducive to the efficiency of the public service, and to what extent they will tend to foster that higher description of learning which this University is designed to encourage,—are questions which can only be settled after some experience has been gained of the working of the rules, and are questions on which I abstain from offering an opinion.

"Another measure which, while affecting this University, by withdrawing from its operation an important province, is at the same time likely, in my humble opinion, to advance the cause of education on the whole, is the projected establishment of a University at Lahore, empowered to confer degrees similar to those conferred by the three Universities already existing in India. This measure has lately received the sanction of the Secretary of State, and will, I trust, be carried out in the course of the present year. If I may judge from my own personal experience in another Presidency (which three and twenty years ago was far less advanced in the matter of education than the Punjab is at the present time) of the probable effects upon education of a local University, I think we may be sanguine that good will result from the measure which has been now resolved on,—more especially when we bear in mind that the degrees of the University of Lahore, while duly recognizing the great importance of a study of the English language, will test attainments acquired through the medium of oriental languages more than has been done hitherto in any Indian University.

"In referring to the practical University questions to which I drew attention just now, I confined myself to that which most people regard as the most important, and which is certainly the most comprehensive, of the Faculties of the University—the Faculty of Arts—the Faculty which deals with matters connected with what we call a general education. But, as you know, there are other branches of knowledge encouraged by this University, in two of which—Medicine and Law—degrees have been conferred to-day. In the remaining professional branch of study, that of Civil Engineering, although 26 candidates were examined, no degrees have been conferred on this occasion. We may be sure that this general failure argues some defect in the teaching or in the appliances available for the instruction of the candidates; and it is therefore all the more satisfactory to learn that the Lieutenant-Governor of this province is about to establish in the immediate neighbourhood of Calcutta a practical training institution for civil and mechanical engineers, which, looking to the liberal and comprehensive and thoroughly practical footing upon which it is being organized, seems likely to prove an efficient school of engineering. There is probably no country in the world in which an adequate supply of

competent engineers (valuable as such men are everywhere) is more needed than it is in India, where not only the development of the communications and the use of machinery in aid of manual labor, but, in some parts of the country, the production of an adequate supply of food, depends upon the labors of our engineers. If I may say so in Sir Ashley Eden's presence, this school will, I trust, be a worthy monument of his useful and energetic administration.

"Three endowments have recently been founded in connexion with this University, which deserve mention here. The Cobden Club have founded a silver medal, which is to be awarded annually to the student who, in the annual Examination for Honors in History and Political Economy, obtains the highest marks in the latter subject. A gold medal has been given by the Native friends and admirers of Sir William Herschel, late Magistrate of Hooghly, in testimony of his public services, which is to be awarded annually to the Bachelor of Arts who obtains the highest marks in Astronomy; and lastly, Maharajah Nilmani Sing Deo Bahadur, zemindar of Pachete, has founded an annual prize which is to be awarded to the successful student who shall be first in order of merit in Sanscrit at the First Arts Examination. All these endowments have been thankfully accepted by the University.

"I must not omit to mention here that at the last annual meeting of the Senate, the rule excluding candidates from the Entrance Examinations of the University, who would not have attained the age of 16 on the 1st March following the examinations, was repealed.

"During the academic year the Senate has lost by death only one of its members. The Reverend Charles Ellard Vines, a graduate in Honors of Trinity College, Cambridge, and for many years Principal of St. John's College at Agra, died on the 6th November last. It is recorded of him that he was an able and faithful missionary of the Church Missionary Society, a firm friend, and a good teacher.

"Two other deaths, however, have occurred during the past year, which I cannot omit to notice. In Lord Lawrence, who for five years was Chancellor of this University, the people of India have lost a tried friend, whose life up to the last was devoted to the welfare of the country in which his best years were spent, and who has left behind him a bright example of pure and single-minded devotion to duty, of simplicity of character, of sympathy with the poor, of indifference to clamour, and of strength of will to urge at all times, and under all circumstances, the course which he believed to be right. It was said of him only the other day, by one of our leading English statesmen, that the impression which his

character and conversation left on his mind was that of "heroic simplicity," and that "no man was more successful in reaching the highest prizes of life who had struggled so little for them." It might have been said of him, in words that were applied to another distinguished statesman who died many years ago, that

> All his life, his single hope and aim
> Was to do good, not make himself a name.

Sir John Low was one of the original Fellows of this University. He was a gallant soldier and an able political, who, in the latter years of his Indian service, as a Member of Lord Dalhousie's Council, added to the high reputation he had long enjoyed, by his independent and firm, though ineffectual, opposition to the policy of annexation then in vogue.

"Gentlemen, this is the last occasion on which I shall ever address a public assembly in India. For the last five and twenty years a great part of my official life has been employed in dealing with questions bearing upon the education of the people of this land, and I am glad that my last prominent official act should be connected with that important object. It may be said in one sense, as regards education in India, that it is still the day of small things; but it cannot be denied that if we look back to the time when the Indian Universities were first established, little more than three and twenty years ago—still more so, if we look back to a period ten or twenty years earlier—the advance which has been since accomplished has been very great and very real. The measures which have conferred so great a benefit upon you, the graduates and under-graduates of this University, were not carried out without much discussion and much conflict of opinion. The question was fought over in its every phase. There was, first, the famous controversy between those whom, for brevity, I may call the Orientalists and the Europeans—between those who advocated the exclusive application of the educational funds to instruction in Oriental learning and in ancient but obsolete and fantastic science, and those who contended for the diffusion of European literature and of modern science, principally through the medium of the English language. There was then the battle between those who urged that the instruction should be entirely secular and those who contended that instruction without religion was of no value at all—a battle which was perhaps more keenly fought in my old Presidency of Madras than in any other part of India. These particular controversies have long been appeased: the teachers and pupils in the purely secular Government colleges and schools, and the teachers and pupils in the missionary institutions, now meet together upon common ground, and compete in a generous rivalry for the degrees and honors of the Indian Universities.

The great question of primary education, the importance of which is admitted in all quarters, is making a sure and certain advance. But as regards that higher education, for the encouragement of which our universities exist, we must not imagine that the contest has altogether died out. The opposition has now assumed a different phase, and it is now often alleged that the high education which is imparted in our colleges and schools fosters political discontent, and that the seditious writing which defaced the pages of some of the vernacular newspapers a few years ago, was the outcome of our Collegiate and University system. Gentlemen, I need hardly tell you that I should not be filling the position which I have the honour to hold in this University, if I shared this opinion. My conviction is, that the more thorough and the more complete the education is which we impart to the people of India, the better fitted they will be to appreciate the blessings of British rule, and the more they will deprecate any material change in the existing order of things. The British Government in India need not fear the light. It need not dread fair and legitimate criticism. But the charge to which I have alluded—emanating, as it sometimes does, from men in high and responsible positions—is not a charge which ought to be entirely ignored. Unjust and unfounded as it may be (and as I, for one, believe it to be), it is a charge which ought to be borne in mind by those who have a real interest in Native progress, by those who feel, as I and my colleagues in this Senate feel, that the happiness and prosperity—and I will add, the good government—of this country, the purity and efficiency of the administration, both judicial and executive, are closely connected with the character of the education imparted in our colleges and schools; and the knowledge that such charges are made, ought to lead all who have an influence in determining the character of the instruction which is tested by this University, to make it as sound and as deep and as practical as they can, and to do what in them lies to check any superficial semblance of learning which may bring our educational system into disrepute. Gentlemen, I bid you farewell. May God prosper you and bless your work."

The Vice-Chancellor then declared the Convocation closed.

CHARLES H. TAWNEY,

Registrar

(Confirmed,)

ALEX. J. ARBUTHNOT,

Vice-Chancellor.

MINUTES OF THE FACULTY OF ENGINEERING

FOR THE YEAR 1879-80.

No. 1.

THE 22ND MARCH.

(In Circulation.)

156 Proposed by Mr. H. B. Medlicott, and seconded by Mr. H. Levinge,—

That Colonel Stanton be elected President of the Faculty and Representative in the Syndicate for the remainder of the current year, in the room of Major-General A. Cadell, and for the year 1880-81.

CHARLES H. TAWNEY,

Registrar.

MINUTES OF THE FACULTY OF MEDICINE
FOR THE YEAR 1879-80.

No. 2.

THE 1ST APRIL.

Present:

DR. D. B. SMITH, *in the Chair.*

DR. H. CAYLEY.	MUNSHI TAMIZ KHAN, KHAN BAHADOOR.
DR. T. E. CHARLES.	BABU SURYYAKUMAR SARBADHIKARI.
DR. K. MCLEOD.	
RAI KANAILAL DE, BAHADOOR.	

157. The Faculty met to elect a President and Representative in the Syndicate for the year 1880-81.

Dr. Smith proposed that Dr. Cayley be elected President and Representative in the Syndicate for the year 1880-81.

Ray Kanailal De, Bahadoor, seconded the motion.

The motion was carried unanimously.

CHARLES H. TAWNEY,
Registrar.

(Confirmed,)

DAVID B. SMITH,
President.

MINUTES OF THE FACULTY OF LAW

FOR THE YEAR 1879-80.

No. 4.

THE 2ND APRIL.

Present:

THE HON'BLE J. O'KINEALY, *in the Chair.*

RAI JAGADANANDA MOOKERJEE, BAHADOOR.
J. H. A. BRANSON, ESQ.
THE HON'BLE H. T. PRINSEP.
W. C. BONNERJEE, ESQ

158. The Faculty met to elect a President and Representative in the Syndicate for the year 1880-81.

Mr. W. C. Bonnerjee proposed that the Hon'ble J. O'Kinealy be elected President and Representative in the Syndicate for the year 1880-81.

Rai Jagadananda Mookerjee, Bahadoor, seconded the motion.

The motion was carried unanimously.

159. Mr. W. C. Bonnerjee then proposed that the Hon'ble H. T. Prinsep be appointed a member of the Committee of the Faculty (appointed to consider if the present scheme for the Tagore Law Lectures is working satisfactorily; and if not, if it can be improved in any, and what, way),—in place of Mr. Amir Ali, who has proceeded to Europe.

CHARLES H. TAWNEY,

Registrar.

(Confirmed,)

J. O'KINEALY,

President.

MINUTES OF THE FACULTY OF ARTS.

FOR THE YEAR 1879-80.

No. 2.

THE 10TH APRIL 1880.

Present:

A. W. CROFT, ESQ., *in the Chair.*

RAI RAJENDRALALA MITRA, BAHADUR, D.L, C I E.
MAULVI ABDUL LUTEEF, KHAN BAHADUR.
RAI JAGADANANDA MOOKERJEE, BAHADUR.
BABU PIYARICHAND MITRA.
H. F. BLANFORD, ESQ.
MAJOR H. S. JARRETT.
O. C. DUTT, ESQ.
THE HON'BLE H. J. REYNOLDS.
JOHN ELIOT, ESQ.
PANDIT MAHESCHANDRA NYAYARATNA.
REV. FATHER LAFONT, S.J., C.I.E.
REV. J. E. PAYNE.
A. M. BOSE, ESQ.
BABU KALI CHARAN BANERJEE.
REV. JAMES ROBERTSON.
ALEX. PEDLER, ESQ.
A. E. GOUGH, ESQ.
BABU GURUDAS BANERJEE, D.L.
F. J. ROWE, ESQ.
REV. W. HASTIE.
GOVIN CHUNDER DUTT, ESQ.
REV. H. FINTER.
BABU KRISHNABIHARI SEN.
REV. K. S. MACDONALD.

160. The Faculty met to elect a President and Representatives in the Syndicate for the year 1880-81.

Babu Piyarichand Mitra proposed that Dr. Rajendralala Mitra, C.I.E., be elected President and one of the Representatives in the Syndicate for the year 1880-81.

Mr. O. C. Dutt seconded the motion.

Mr. H. F. Blanford proposed that Mr. Croft be elected President and one of the Representatives in the Syndicate for the year 1880-81.

Mr. J. Eliot seconded the motion.

A ballot was taken, and Mr. Croft was elected.

161. Babu Piyarichand Mitra then proposed that Dr. Rajendralala Mitra, C.I.E., should be one of the Representatives in the Syndicate.

Mr. O. C. Dutt seconded the motion.

Ray Jagadananda Mookerjee proposed that the Hon'ble H. J. Reynolds should be one of the Representatives in the Syndicate.

Mr. A. Pedler seconded the motion.

The Rev. W. Hastie then proposed that the Rev. J. Robertson should be one of the Representatives in the Syndicate.

Mr. J. Eliot seconded the motion.

The Hon'ble H. J. Reynolds proposed that Mr. A. M. Bose should be one of the Representatives in the Syndicate.

Mr. H. F. Blanford seconded the motion.

A ballot was taken, and the Hon'ble H. J. Reynolds was elected.

As the votes for the Rev. J. Robertson and Mr. A. M. Bose were equal, a second ballot was taken.

As the votes were again equal, the President gave his casting vote in favour of Mr. A. M. Bose.

162. The Faculty then proceeded to the discussion of other business.

The following report of the Committee appointed to define the limits and extent of the subjects for graduation in Honors, and to revise the previous report of the Committee on the limits and extent of the subjects for the F.A. and B.A. Examinations, in view of certain amendments proposed at the meeting of the Faculty of Arts held on the 2nd of August 1879, having been circulated to all the members of the Faculty, was taken as read :—

REPORT.

"We, the undersigned Members of the Committee appointed to fix the limits of the courses for the F.A. and B.A. Examinations, have the honour to submit a further report, in accordance with the Resolution of the Faculty of Arts at its meeting of the 2nd August 1879. The present report repeats, for convenience of reference, the substance of the proposals made in our former report. We have not thought it necessary to repeat in detail the general considerations which led us to our former conclusions, and which will be found in the report already printed. We have added suggestions for the courses to be set for Honours in Arts. We have also taken into consideration the amendments that were proposed at the meeting referred to above, and have introduced such modifications of our previous proposals as have appeared to us desirable.

I.—FIRST EXAMINATION IN ARTS.

(2.) For the First Examination in Arts, the following scheme of courses has been adopted by the Faculty :—

A. Course.

1.—English.
2.—A classical language.
3.—History.

4.— } Two out of the following :—
5.— }

(*a*) A second course in English.
(*b*) A second course in the classical language taken up as a compulsory subject.
(*c*) A second course in history.
(*d*) A third language.
(*e*) Pure mathematics.
(*f*) Deductive logic.
(*g*) Philosophy.

B. Course.

1.—English.
2.—Pure mathematics.
3.—History.
4.— } Two out of the following :—
5.— }

(*a*) A classical language.
(*b*) Analytical plane and solid geometry.
(*c*) Inorganic chemistry.
(*d*) Physics.

A. Course.

(3.) We propose no change in the compulsory courses in English and in the classical language. In the subject of history, we recommend for the compulsory course, the outlines of the History of Greece and Rome, and a special period of Modern History.

(4.) *English* (second course).—We recommend that this should consist pretty nearly of the same class of works as the compulsory course. We also recommend, in the additional or optional second course, the study of some short history of English literature.

(5.) *Classical Language* (second course).—We are of opinion that, in the second course, not only should a list of books similar to that of the compulsory course be prescribed, but some knowledge of the history of literature and of antiquities should be required, at least in the case of Greek and Latin.

(6.) *History.*—For the optional course, we recommend a general sketch of European History, and a special period either of Ancient History or of Indian History, including Indian Antiquities.

(7.) *Third Language.*—The third language taken up in the F.A. course should be either a second European or Asiatic classic, or French, or German.

(8.) *Pure Mathematics.*—The subjects should be algebra, geometry, logarithms, and trigonometry, defined as follows :—

(*a*) *Algebra.*—Quadratic equations; theory of quadratic equations and expressions; imaginary expressions; arithmetical, geometrical, and harmonical progressions; permutations and combinations; binomial and exponential theorems; partial fractions; and elements of the method of indeterminate co-efficients.

(*b*) *Plane Geometry*.—Simple problems in the geometry of the straight line, triangle, and circle, as in Reynolds's Modern Methods of Elementary Geometry, or Wilson's Geometry, Part I
The more important properties of the parabola and ellipse.

(*c*) *Trigonometry*.—Methods of measuring angles
Trigonometrical ratios, and the simple relations connecting them.
Relations between trigonometrical ratios of angles differing by multiples of right angles
Trigonometrical transformations.
Solution of triangles
Properties of triangles
Area of a circle.
Demoivre's theorem
Expansion of the sine and cosine of an angle in terms of its circular measure

(*d*) *Logarithms*.—The properties of logarithms
Logarithmic series
The use of logarithmic tables.
Proportional parts

(9.) *Deductive Logic*.—This subject should include:—the definition of logic; the fundamental logical laws or principles of consistency; the concept; the term and its divisions; extension, comprehension, denotation, connotation; the judgment, the proposition, and their divisions; the distribution of terms; the theory of predication; definition, division, opposition, conversion; the syllogism, its theory, its rules, its moods and figures; reduction; exercises in the detection of fallacies *in dictione*.

(10.) *Philosophy*.—This subject should be confined to psychology, and include the present state of opinion as regards—the origin of knowledge and the nature of first principles, consciousness; subject, object, and their relation in cognition; perception, acquired perceptions; memory, imagination, conception, mental association; thought, limits of thought.

B Course.

(11.) The compulsory subjects of the B. course have been already defined. The subject of English should remain unaltered, those of pure mathematics and history should be as defined in paragraphs (8) and (3) above.

(12.) *Classical Language*.—The same standard as at present—*see* paragraph (3).

(13.) *Analytical Plane and Solid Geometry*.—The course in plane geometry will include—

Rectangular and polar co-ordinates
Transformation of co-ordinates
The straight line
The circle
The parabola
The ellipse

Solid geometry will include—

Rectangular and polar co-ordinates.
Transformation of co-ordinates.
The plane.
The sphere.
The ellipsoid.
The cylinder.
The cone.
The straight line.

(14.) *Inorganic Chemistry.*—We recommend that the course should comprise an introductory knowledge of elementary physics, including the following subjects:—

The constitution of matter.
Gravitation, density, and specific gravity.
Cohesion and adhesion.
The physical properties of gases, including the diffusion of gases, &c.
Sources of heat, action of heat on bodies, expansion, measurement of temperature, conduction, convection, specific heat, atomic heat, latent heat.

The subject of chemistry should then include—

(*a*) The following general considerations:—

Definition of chemistry; differences between chemical action and the action of the physical forces; simple and compound matter; different modes of chemical action; combining weights, volume weights; principles of chemical nomenclature, symbolic notation, graphic notation; chemical equations; atoms and molecules; general knowledge of atomicity of elements; simple and compound radicals; classification of elements.

(*b* A fairly complete knowledge of the modes of occurrence, methods of preparation, properties, uses, and general characters of the following non-metallic elements, of their allotropic modifications, and of their principal and best known compounds:—

Hydrogen, fluorine, chlorine, bromine, iodine.
Oxygen (and ozone).
Boron.
Carbon, silicon.
Nitrogen, phosphorus, arsenic.
Sulphur.

(*c*) A general knowledge of—

The distinctions between non-metals and metals.
Acids, bases, and salts.
The constitution of salts.
The principles of crystallography.

(*d*) A knowledge of the methods of preparation, properties, and uses of the following metals and their principal salts:—

Sodium, potassium, ammonium, silver.
Calcium (glass manufacture, &c.), magnesium, zinc, copper, mercury.
Gold.
Lead, tin, platinum, aluminium (porcelain, pottery, &c.).
Antimony, bismuth.
Chromium, manganese, iron.

(15.) *Physics.*—The course should include—

A general acquaintance with the properties of matter, solid, liquid, and gaseous, and the actions of matter as measured by force and motion.

An elementary course in—

1.—Heat.
2.—Light.
3.—Frictional electricity.
4.—Magnetism.

These subjects are defined as follows:—

(*a*) *General Ideas*—

Units of measurement, and definitions of mass, force, motion.
Laws of motion.
Work and energy,—measurement of each.
Chief forces of nature.
General properties of solids, liquids, and gases.
Conditions of equilibrium of a mass acted on by forces.
Motions of translation and rotation.
Pressure of fluids and gases: measurement of pressure.
Equilibrium of floating bodies.
Specific gravity and its determination.
Motion of a pendulum, and of the torsion pendulum or balance.
Diffusion of liquids and gases.
Conservation and transmutation of energy.

(*b*) *Heat*—

Laws of expansion of solids, liquids, and gases under heat.
Determination of co-efficients of expansion.
Measurement of temperature.
Maximum density of water.
Changes of molecular state, and latent heat of molecular changes of state.
Influence of change of pressure on the boiling point and melting point.
Relegation theory.
Laws of pressure of gases.
Elastic force of vapour; dew point, and its determination.
Formation of dew and clouds.
Radiant heat: laws of the absorption and radiation of heat.
Conduction of heat: definition of thermal conductivity.
Convection.
Phenomena of combustion.
Measurement of quantities of heat; units of heat; specific heat; determination of specific heat.
Steam engines.

(*c*) *Light*—

Laws of transmission of light and of its intensity.
Determination of the velocity of light.
Shadows.
Images produced by small apertures.
Photometry.
Reflection of light.

Determination of foci, focal lengths and images of plane and spherical mirrors.
Refraction of light.
Critical angle.
Determination of images, foci, and focal lengths of plane and spherical refracting surfaces.
Properties of prisms and lenses.
Telescope, microscope, spectroscope, the human eye.
Principles of binocular vision.
Decomposition of light.
Chromatic aberration.

(d) Frictional Electricity—

Electrical attractions and repulsions.
Properties of conductors and non-conductors.
Electrical induction.
Electrical force and density.
Electrical distribution on conductors.
Power of points.
Ramsden's and Armstrong's electrical machines.
Condenser; electrophorus; Leyden jar.
Electric discharges.
Atmospheric electricity.
Determination of laws of electric action by the torsion balance.

(e) Magnetism—

Properties of permanent and artificial magnets.
Magnetic induction.
Phenomena of terrestrial magnetism.
Determination of declination, dip, and intensity of the magnetic force of the earth.
The compass needle.
Methods of magnetisation.
Determination of magnetic laws of action by the torsion balance.

II.—B. A. EXAMINATION.

(16.) For the B. A. Examination the following scheme has been adopted :—

A. Course.

1.—English.

2.—A classical language.

3.—One of the following :—

(*a*) A second course in English.
(*b*) A second course in the classical language.
(*c*) A third language.
(*d*) Pure mathematics.
(*e*) Philosophy, including the history of philosophy.
(*f*) Comparative grammar.
(*g*) History and political economy.

B. Course.

1.—English—

One of the following groups:—

(*a*) { 2. Pure mathematics.
3. Mixed mathematics.

(*b*) { 2. Mixed mathematics.
3. Physics and inductive logic.

(*c*) { 2. Mixed mathematics.
3. Chemistry and mineralogy.

(*d*) { 2. Chemistry and mineralogy.
3. Botany, or zoology, or geology, with physical geography.

(17.) We propose to make no change in the compulsory subject of English, which is common to both courses, nor in that of the classical language of the A. course.

A. Course.

(18.) *English* (second course).—The second course, which might perhaps consist chiefly of modern works, should be of the same extent as the compulsory course, and should include the history of English literature, of which a somewhat fuller knowledge should be required than is expected from candidates for the First Arts course.

(19.) *Classical Language* (second course).—We recommend that, as in the First Arts course, a knowledge of the history of the literature and antiquities of Greece and Rome should be required of candidates who take up a second course of Latin or Greek.

(20.) *Third Language.*—This may be either a second European or Asiatic classic, or French or German.

(21.) *Pure Mathematics.*—This subject will include—

(*a*) *Analytical Plane Geometry*—

Rectangular and polar co-ordinates.
Transformation of co-ordinates.
The straight line.
The circle.
The parabola.
The ellipse.
(The above subjects treated more fully than in the First Arts course).
The hyperbola.
The general equation of the second degree.

(*b*) *Analytical Solid Geometry*—

Rectangular and poar co-ordinates.
Transformation of co-ordinates.
The plane.
The sphere.
The ellipsoid.
The cylinder.

The cone.
The straight line.
(The above subjects treated more fully than in the F. A. course.)
Paraboloids.
Hyperboloids.

(*c*) *Newton's Principia*, Sections I to III.

(22.) For those candidates who may have already taken up analytical geometry for the First Arts Course, the subject of pure mathematics will include—

(*a*) *Analytical plane geometry* ...
(*b*) *Analytical solid geometry* ... } Defined as in paragraph 21.
(*c*) *Newton's Principia* ...
(*d*) *Differential calculus*:—
Definition of differential co-efficients.
Differentiation of functions of a single variable.
Successive differentiation.
Taylor's and Maclaurin's theorems, and their simpler applications.
Evaluation of functions which assume an indeterminate form.
Differentiation of functions and implicit functions.
Maxima and minima values of functions of one variable.
Tangents, normals, asymptotes, curvature, singular points, evolutes, involutes.
Tracing of curves.

(*e*) *Integral calculus*:—
Integration of simple functions of a single variable.
Integration of rational fractions.
Integration by formulæ of reduction.
Determination of lengths and areas of curves.

(23.) *Philosophy*.—This subject should include—

(*a*) Psychology, including the Psychology of Ethics.
(*b*) The History of Philosophy, ancient and modern.
(*c*) Pure Logic, with the outlines of the History of Logic;
or
The History of Moral Systems;
or
Natural Theology.

(24.) *Comparative Grammar*.—The course should embrace a general knowledge of the principal facts of linguistic science, and of the comparative grammar of the Aryan languages.

(25.) *History*.—We recommend the history of England, Political Economy, and the history of two of the following countries:—India, Greece, Rome.

B. Course.

(26.) *Pure Mathematics*.—The same as in the A. Course, paragraphs 21-22.

(27.) *Mixed Mathematics.*—In this are comprised the subjects of statics, hydrostatics, dynamics, hydrodynamics, defined as follows:—

(*a*) *Statics*—

Parallelogram and triangle of forces.
Resultant of parallel forces.
Couples.
Moments.
Equilibrium. Conditions of equilibrium of any forces acting on a particle or rigid body.
Centre of parallel forces.
Centre of gravity, or centroids.
Friction.
Simple cases of tension of strings.
Levers; pulley; wheel and axle; inclined plane; screw.
Virtual velocities.

(*b*) *Dynamics*—

Definition and measurement of mass, force, velocity, acceleration, momentum, work, and energy.
Laws of motion.
Uniform of motion.
Uniformly accelerated motion—
(1) In a straight line.
(2) In a parabola.
(3) In a circle.
Simple cases of impact.

(*c*) *Hydrostatics*—

The transmission and intensity of fluid pressure.
Determination of component and resultant fluid pressure in simple cases.
Centre of pressure.
Conditions of equilibrium of floating bodies.
Metacentre.
Properties of elastic fluids and determination of pressure.
Specific gravity, and the methods of determining it.
Measurement of heights by the barometer.
Mixture of gases.
Description of the barometer, air-pump, common and force pumps, the diving-bell, the balloon, siphon, and Bramah's press, as applications of hydrostatical principles.

(*d*) *Hydrodynamics*—

Pressure at a point of a moving fluid.
The pressure at any point of a liquid mass rotating uniformly about a vertical axis.

(28.) *Physics and Inductive Logic.*—The course in physics will include—

(*a*) An elementary acquaintance with the mathematics of wave motion, the potential, and the measurement of elasticity.

(*b*) A more complete knowledge of the subjects of the F. A. course in physical science.

(c) A knowledge of—
(1) Sound.
(2) Polarization of light.
(3) Dynamical electricity.

These subjects are defined as follows :—

(a) General Ideas—

1.—Wave motion :—
Measurement of simple or harmonic wave motion.
Combination of wave motions.
Resolution of complex wave motions into simple or harmonic wave motions.

2.—Potential :—
Definition of potential.
Calculation of potential in simple cases.
Determination of force from the potential.
Fundamental propositions respecting lines of force, equi-potential surfaces, and tubes of force.

3.—Elasticity :—
Definition of elasticity.
Measurement of elasticity in the cases of solids, liquids, and gases.
Distinction between, and determination of, elasticity of constant temperature and of constant entropy for gases.

(b) Heat—

In addition to a more thorough acquaintance with the subject than that required for the First Arts Examination (paragraph 15), and a greater power of working problems on heat, an elementary knowledge of the principles of thermo-dynamics will be required.

(c) Light—

In this subject, more difficult questions in the determination of foci, focal lengths, &c., should be required than for the First Arts Examination (paragraph 15). Also the following :—
Spherical aberration.
Dispersion.
The formation of rainbows.

(d) Frictional Electricity and Magnetism—

These subjects must be now taken up in connection with potential.

(e) Sound—

The laws of the production and propagation of sound, determined experimentally.
Intensity, pitch, and quality of sounds.
The velocity of sound in air and other media: Doppler's principle.
Reflection and refraction of sound.
Measurement of sound vibrations and wave lengths of air.
Resonance.
Interference of sound waves. Beats.
Harmonic tones ; their generation and function in sound.
Longitudinal vibration of rods and columns of air.
Transverse vibration of strings.
Formation of Chladni's figures.
Vibration of tuning-forks and bells.
Nature of musical sounds.
Vocal organs of man.

(f) Dynamical Electricity—

Voltaic batteries as sources of electric currents.
Action of currents on magnetic needles. Galvanometers.
Thermo-electric currents.
Definition and measurement of electric force, conductivity, resistance, and current.
Ohm's law, and its simpler applications.
Laws of action of currents on currents, and their simpler applications.
Solenoids. Ampere's theory of magnetism.
Electro-magnets.
Mechanical, chemical, and heating effects of current. Electrolysis.
Induced currents, their modes of generation and laws of action.
Ruhmkorff's coil.
Electro-magnetic currents.
Electro-magnetic machines; the more important details of the working of telegraphs.
Theories of electricity.

(g) Polarization of Light—

Undulatory theory of light.
Reflection and refraction of light.
Prismatic analysis of light.
Achromatism.
Explanation of lines in the solar and other spectra.
Interference of light.
Diffraction of light.
Measurements of wave lengths of light.
Colours of thin plates.
Double refraction.
Polarization of light by reflection, refraction, and double refraction.
Interference of polarized light as shown by double refracting crystals. Polariscopes.
Elliptic and circular polarization.
Rotary polarization.

(29.) *Chemistry and Mineralogy.*—The physical introduction to chemistry should include, in addition to a more complete knowledge of the introductory subjects proposed for the First Arts Course (paragraph 14), an elementary knowledge of the following :—

(a) Heat—

Heat of combustion, absolute thermal effects and pyrometric thermal effects of chemical combination, theory of flame, theories of the source of light in luminous flames.

(b) Light—

Reflection and refraction, dispersion, spectrum analysis, chemistry of light, photography, fluorescence, double refraction and polarization, saccharimeters.

(c) Magnetism—

Magnetism, magnetic polarity, natural and artificial magnets, diamagnetism.

(*d*) *Electricity*—

Two kinds of electricity, insulators and conductors; sources of electricity, electricity developed by chemical action, voltaic electricity, various batteries, electrolysis, laws of electrolysis, electro-plating, electro-gilding.

(30.) The subject of chemistry proper will include both inorganic and organic chemistry. In the branch of inorganic chemistry, a fuller knowledge of the subjects set for the First Arts Examination (paragraph 14) will be required, and also the following :—

(*a*) General considerations :—

Laws of chemical combination, equivalents, atomic weights, physical and chemical relations of atomic weights, specific or atomic volume, a more complete knowledge of the subject of atomicity or quantivalence, artiads, perissads, &c.; variations of atomicity; absolute, latent, and active atomicity; relations between atomic weight and quantivalence, chemical affinity, influence of pressure on chemical action, relations of heat to chemical affinity, &c.; physical properties of metals, chemical relations of metals, alloys, general characters and general methods of preparation of compounds of metals with non-metals; theory of normal, acid, and basic salts; isomorphism; the principles of qualitative analysis.

(*b*) Study of the following elements :—

Selenium, tellurium, lithium, cæsium, rubidium, barium, strontium, the earth metals, cadmium, indium, gallium, titanium, vanadium, uranium, tungsten, molybdinum, nickel, cobalt, and the platinum metals.

(*c*) A knowledge of the methods used in the preparation of the more important acids, salts, &c., employed in the arts and manufactures.

(*d*) A knowledge of metallurgical operations, such as are employed in the preparations of iron, zinc, copper, lead, tin, mercury, silver, and aluminium.

(31.) The subject of organic chemistry should include the following general considerations :—

(*a*) Definition of organic bodies, synthesis from inorganic materials, decompositions and transformations of organic compounds, analysis of organic bodies.

(*b*) Determination of the specific gravity of gases and vapours.

(*c*) Determination of empirical, rational, and constitutional formulæ; theory of types, classification of organic compounds, organic series, constitutional formulæ of organic compounds.

(*d*) Isomerism, metamerism, and polymerism; physical properties of organic compounds.

Candidates should also be required to possess (1) a knowledge of some few typical compounds in each of the different classes of organic compounds; (2) of the methods of preparation, properties, and general relations of the more important compounds derived from the principal series of radicals, such as $C_n H_{2n+}$ C_n, H_{2n}, C_n, H_{2n-1}, C_n, H_{2n-2}, C_n, H_{2n-7}, &c.; (3) some acquaintance with the cyanogen compounds, with sugar, starch, gum, turpentines, alkaloids, &c.

(32.) The course in mineralogy should include :—

(*a*) General characteristics of minerals.

(*b*) Crystallography of the structure of minerals, fundamental forms of crystals, cleavage, secondary forms, compound crystals, dimorphism, irregularities of crystals, measuring angles of crystals, massive minerals, columnar structure, lamellar and granular structure, pseudomorphous crystals.

(*c*) Physical properties of minerals; lustre, colour, diaphaneity, refraction and polarization, phosphorescence, electricity and magnetism, specific gravity, hardness, state of aggregation, fracture, taste, odour.

(*d*) Chemical properties of minerals; action of acids, &c., on minerals; blow-pipe re-actions of minerals.

(*e*) Classification of minerals.

(*f*) Description and recognition of the more important minerals, and rocks or mineral aggregates.

(*g*) Chemical composition and formulæ of minerals.

(33.) *Botany.*—The subject of botany should include :—

(*a*) The morphology and histology of flowering plants; the general principles of their classification on the systems of Linnæus and de-Candolle, with a detailed acquaintance with the characters of the following natural orders :—

Anonaceæ.	Apocyneæ.
Menispermaceæ.	Asclepiadaceæ.
Nymphœaceæ.	Convolvulaceæ.
Papaveraceæ.	Solanaceæ.
Cruciferæ.	Boraginеæ.
Malvaceæ.	Acanthaceæ.
Sterculiaceæ.	Verbenaceæ.
Tiliaceæ.	Labiatæ.
Aurantiaceæ.	Amarantaceæ.
Ampelideæ.	Urticaceæ.
Anacardiaceæ.	Euphorbiaceæ.
Leguminosæ.	Palmeæ.
Myrtaceæ.	Aroideæ.
Combretaceæ.	Commelynaceæ.
Cucurbitaceæ.	Orchidaceæ.
Umbelliferæ.	Scitamineæ.
Rubiaceæ.	Cyperaceæ.
Compositæ.	Gramineæ.

(*b*) A general acquaintance with the morphology, histology, and classification of cryptogams.

(*c*) Vegetable physiology.

(*d*) The chemistry of vegetable life.

(*e*) Geographical distribution of plants.

(*f*) Palæobotany.

(34.) *Zoology.*—This subject comprises the following :—

Embryonic development and comparative anatomy of the principal orders of animals, ordinal classification of the animal kingdom, and generic classification of one selected order of Vertebrata and one of Invertebrata, to be notified beforehand. The geographical distribution and habitats of animals. The species of the mammals

of India, omitting the micro-mammalia, *viz.*, Insectivora, Rodentia, and Chiroptera; and the Indian genera of one order of Reptilia and one of Aves, to be previously notified.

(35.) *Geology.*—The following should be the limits of this subject:—

The classification, structure, and formation of rocks. The evidence of past changes afforded by their present condition, and a practical acquaintance with their mineral characteristics, to be tested by specimens. The generic determination of the most characteristic fossil forms, and the indication of age and habitat which they afford. A practical knowledge of fossil forms, to be tested by specimens. A general knowledge of the geology of Great Britain and Western Europe, and a more detailed knowledge of the geology of India. An acquaintance with geological maps, to be tested by the construction of a geological section from a given map.

(36.) *Physical Geography.*—This will include:—

The form and density of the earth, and modes of ascertaining them. The distribution and characteristic geographical phenomena of land and water. Climate and its determining causes. The inorganic physical geography of India.

III.—HONOURS IN ARTS.

(37.) In settling the courses for the different subjects of examination for Honours and for the degree of Master of Arts, we have thought it in most cases sufficient to define the courses by text-books, which would necessarily have to be changed from time to time. Moreover, we have not thought it necessary to define exactly the limits of the subjects in Greek, Latin, Arabic, Persian, or Hebrew, in which the number of candidates for Honours is small. The course which we have framed for the Sanscrit examination will, we believe, sufficiently indicate the standard which we have thought desirable; and the courses in the other languages could be fixed from time to time without difficulty by Sub-Committees appointed by the Syndicate.

(38.) *English.*—We recommend a somewhat longer course than is read at present, supplemented by the following works:—

(1) Marsh's Origin and History of the English Language.
(2) Morris's Historical English Accidence.
(3) Smith's Student's Manual of the English Language.
(4) Van Laun's translation of Taine's History of English Literature, or any work which covers the same ground.
(5) Dowden's Shakespeare's Mind and Art.
(6) Dowden's Shakespeare Primer.
(7) A Book for the Beginner in Anglo-Saxon: by John Earle, M.A.
(8) Max Müller's Lectures on Language.
(9) Peile's Primer of Philology.
(10) Sayce's Introduction to the Science of Language.

(39.) *Sanskrit.*—We recommend the following selection of works of Sanskrit authors, and of English works illustrating Sanskrit literature and antiquities:—

Rigvedasamhita, Adhyāyas I and II.
Kaṭha, Mundaka, and Chhāndogya Upanishads.
Vedāntasūtra, Adhyāya II, Pāda II.
Sāṅkhyatattvakaumudī, by Vāchaspatimisra.
Sāṅkhyapravachanabhāshya, by Vijnānabhikshu.
Bhashaparichchheda and Siddhantamuktāvali.
Pānini, Kāraka, and Samāsa as in the Siddhāntakaumudī.
Mammaṭabhaṭṭa's Kāvyaprakāsa.
Kālidāsa's Vikramorvasī.
Bhaṭṭikavya, VI—IX.
Bhavabhūti's Vīracharitra and Uttaracharita.
Sriharsha's Naishadhacharita, II, III, XIV, XVII.
Sudraka's Mṛichchhakatikā.
Monier Williams's Indian Wisdom.
Max Müller's History of Ancient Sanskrit Literature.
Weber's History of Indian Literature.
Dr. J. Muir's Sanskrit Texts, volumes III, IV, V.

(40.) *History.*—The course should include the following:—

(*a*) The History of England (including Scotland, Ireland, and the British Colonies and Dependencies), to the accession of Victoria.

(*b*) The Constitutional History of England:—
Hallam's Middle Ages, Chapter VIII., part 3, and notes.
Hallam's Constitutional History.
May's Constitutional History.
Stubbs's Select Charters.

(*c*) A selected period of History—Indian or European, Ancient, Mediæval, or Modern—to be studied with reference to original sources.

(*d*) Political Philosophy, General Jurisprudence, and International Law:—
Maine's Early Institutions.
Guizot's History of Civilisation.
Mill's Representative Government.
Austin's Jurisprudence, chapters 5 and 6.
Wheaton's International Law.

(*e*) Political Economy and Economic History:—
Adam Smith's Wealth of Nations.
Mill's Political Economy.
Leone Levi's History of British Commerce.

(*f*) An Essay on some subject included in the foregoing course.

(41.) *Philosophy.*—We recommend that, for the course in Mental Philosophy for honours, the subject should be studied historically and in the works of the principal authorities. The following list defines the limits of the subject from this point of view:—

(*a*) *Oriental.*—Monier Williams's Hinduism.
Rhys David's Buddhism.

(*b*) *Greek.*—Grote's History of Greece, chapter 68 (on Socrates); Plato's Apology of Socrates.
Plato's Republic, by Davies and Vaughan; Grote's Plato, chapter 33, 34, 35; Archer Butler's Lectures on the History of Ancient Philosophy.

Aristotle's Ethics ; Aristotle's Politics, books I, II ; Grote's Aristotle, omitting chapter 9.

(*c*) *Modern.*—Descartes' Discourse on Method ; Meditations ; Principles of Philosophy, by Veitch.
Cudworth's Treatise concerning Eternal and Immutable Morality.
Locke's Essay concerning the Human Understanding.
Berkeley's New Theory of Vision, Principles of Human Knowledge, and Dialogues of Hylas and Philonous (volume 1 of Prof. Fraser's Berkeley).
Hume's Dialogues on Natural Religion ; Huxley's Hume.
Reid's Inquiry into the Human Mind.
Kant's Prolegomena, and Critique of Pure Reason, by Mahaffy.
Fichte's Nature of the True Scholar ; Destination of Man, by Dr. William Smith.
Sterling's Secret of Hegel, volume I, pp. 1—318.

(*d*) *Contemporary.*—Matthew Arnold's Culture and Anarchy ; Appleton's Plea for Metaphysic, in the *Contemporary Review*, November and December 1876 ; Ferrier's Institutes ; Herbert Spencer's First Principles ; Herbert Spencer's Essays ; Emerson's Essays.

(42.) *Mathematics.*—The following course is proposed :—

(1) Theory of Equations and the Elements of Determinants.
(2) Analytical Plane Geometry.
(3) Analytical Solid Geometry.
(4) Differential Calculus.
(5) Integral Calculus, omitting elliptic integrals and the calculus of variations.
(6) Differential Equations.
(7) Statics.
(8) Dynamics of a Particle, omitting the more complicated problems of constrained motion upon surfaces, and also propositions involving the application of the calculus of variations.
(9) Hydromechanics, omitting the theory of sound.
(10) Geometrical Optics, omitting the formulæ for the calculation of spherical aberration, and reflection and refraction at surfaces in any manner.
(11) Spherical Trigonometry, omitting the parts which are not directly required in astronomy.
(12) Practical and Spherical Astronomy.
(13) Newton's Principia, sections I to III.
(14) Rigid Dynamics, including the motion of Rigid Bodies in two dimensions.

(43.) Candidates for honours in the natural and physical sciences may select two of the following subjects:—

(*a*) Chemistry.
(*b*) Electricity and Magnetism.
(*c*) Heat, and the Elements of Molecular Physics.
(*d*) Botany.
(*e*) Zoology.
(*f*) Geology and Mineralogy.

We are of opinion that candidates who take up any of the first three subjects should first show that they possess an elementary knowledge of the more important physical facts and principles. They ought, therefore, to possess some acquaintance with—

(*a*) Heat.
(*b*) Light.
(*c*) Sound.
(*d*) Electricity.
(*e*) Chemistry.

Candidates who fail to satisfy the examiners in this preliminary test should be debarred from passing in their special subjects.

(44.) *Chemistry.*—The course in chemistry should be both theoretical and practical. The following text-books are suggested as indicating the limits required in the theoretical examination:—

(1) Roscoe and Schorlemmer's Treatise on Chemistry.
(2) Frankland's Chemistry, Inorganic and Organic.
(3) Schorlemmer's Organic Chemistry.
(4) Wurtz's History of Chemical Theory.
(5) Tilden's Introduction to Chemical Philosophy.

In the practical examination, candidates ought to show a good knowledge of chemical manipulation, and should be able to qualitatively analyse complex inorganic substances. They should also be acquainted with the principles of quantitative analysis. The following text-books are suggested for this portion of the subject:—

(1) Valentin's Practical Chemistry.
(2) Valentin's Qualitative Analysis.
(3) Thorpe's Quantitative Analysis.

(45.) For the course in heat, and in electricity and magnetism, it is essential that the candidate should be acquainted with the principles and methods of the Differential Calculus, Integral Calculus, and Differential Equations, in order to enable him to work out satisfactorily the simpler mathematical treatment of the subjects. The candidate need not be examined in these subjects separately; but questions should be set, presupposing a moderate acquaintance with the higher methods of the Calculus. The questions should be so arranged that a candidate should be unable to secure the highest honours unless he could work out theorems and problems involving the application of such methods.

(46.) *Electricity and Magnetism.*—The course is defined by the following text-books:—

(1) Fleming Jenkin's Electricity and Magnetism.
(2) Cumming's Theory of Electricity and Magnetism.
(3) Latimer Clark's Electrical Measurements.
(4) Selected portions of Clerk Maxwell's Treatise on Electricity and Magnetism.
(5) Selected portions of Faraday's Researches.
(6) Selected portions of Thomson's Papers in Electricity and Magnetism.

In addition, the candidate should show that he has a competent practical knowledge of the instruments and apparatus employed in magnetism and electricity, and should be able to execute experiments in the presence of the examiner.

(47.) *Heat.*—The following text-books define the course in heat:—

(1) Clerk Maxwell's Heat.
(2) Balfour Stewart's Heat.
(3) Bayne's Thermo-Dynamics.
(4) Selected portions of Kelland's or Fourier's Theory of Heat, including the more elementary problems of Conduction.
(5) Tait's History of Thermo-Dynamics.
(6) Clausius' Theory of Heat, translated by Brown.

The questions on this subject should be so arranged as to preclude a candidate from attaining the highest honours unless he is able to treat questions by the methods of the Calculus. He should also show himself thoroughly acquainted with the various instruments and apparatus employed in heat, and should be prepared to perform measurements and experiments in the presence of the examiner.

(48.) *Botany.*—To include the following:—

(*a*) General and special Morphology and Physiology, as in Sachs' Botany (English edition).
(*b*) Systematic Botany, as in Henfrey's Elementary Course of Botany.
(*c*) Palæobotany, as in Lyell's Students' Manual of Geology.
(*d*) Practical knowledge of indigenous Indian plants, and identification of specimens of them by Roxburgh's *Flora Indica* (Clarke's edition).

(49.) *Zoology.*—This should include the subjects of (*a*) Comparative Anatomy and Physiology, (*b*) Distribution, and (*c*) Evolution, as contained in the following works:—

Owen's Anatomy of Vertebrates.
Huxley's Manual of Vertebrated Animals.
Huxley's Invertebrates.
Kirke's Hand-book of Physiology.
Foster's Manual of Physiology.
Wallace's Distribution of Animals.
Parker and Bettany's Morphology of the Skull.
Flower's Osteology of the Mammalia.
Darwin's Origin of Species.
Wallace's Natural Selection.
Rolleston's Forms of Animal Life.
Thomson's Depths of the Sea.
Woodward's Manual of Mollusca.

(50.) *Geology and Mineralogy.*—This should include the subjects of (*a*) Stratigraphical Geology, (*b*) Palæontology, (*c*) Mineralogy, (*d*) Crystallography, (*e*) Inorganic Chemistry (elementary), elucidated by the following text-books:—

Lyell's Principles of Geology.
Lyell's Elements of Geology.

Lyell's Manual of Geology.
LeConte's Elements of Geology (New York, 1879).
The Manual of Indian Geology, and other publications of the Geological Survey (for reference).
Nicholson's Palæontology (Ed. Dana).
Miller and Brooke's System of Mineralogy.
Herschel's Physical Geography.
Bernard von Cotta's Rocks Classified and Arranged.
Ramsay's Physical Geography.
Ramsay's Geography of Great Britain.

A. W. CROFT.
JOHN ELIOT.
ARCHIBALD E. GOUGH.
JAMES ROBERTSON.
HENRY F. BLANFORD.
A. M. BOSE.
ALEXANDER PEDLER.
MAHENDRALAL SIRCAR.

I sign this report, as on the whole embodying my views as to the limits of the courses adopted by the Faculty of Arts. I wish it, however, to be distinctly understood that some parts of these courses do not commend themselves to my judgment, and that I reserve the right to oppose their adoption by the Senate when the proper time comes.

JAMES ROBERTSON.

APPENDIX:

Manuals recommended for the First Arts and B. A. Examinations.

I.—ENGLISH LITERATURE.

FIRST ARTS:—

History of English Literature, by Stopford Brooke, M A.

BACHELOR OF ARTS:—

The Student's Manual of English Literature, by Shaw.

II.—COMPARATIVE GRAMMAR.

BACHELOR OF ARTS:—

Peile's Primer of Philology.
Earle's Philology of the English Tongue.
Max Müller's Lectures on the Science of Language (vol. I).

III.—HISTORY.

FIRST ARTS:—

Compulsory Course.

Fyffe's History of Greece.
Creighton's History of Rome.
Special Period:—One of the Epochs of Modern History, edited by E. E. Morris, M.A., and Surtees Philpotts, B.C.L.

Optional Course.

Freeman's General Sketch of European History.
Special Period :—One of the Epochs of Ancient History, edited by the Rev. Sir G. W. Cox, M.A., and C. Sankey, M.A.

BACHELOR OF ARTS :—

Green's Short History of the English People.
Liddell's Shorter History of Rome.
Dr. Smith's Students' Greece.
Fawcett's Political Economy.

IV.—PHILOSOPHY.

FIRST ARTS :—

Logic.

Thomson's Laws of Thought;
or
Bain's Logic, Part I (Deduction), pages 1—227, omitting the Appendix;
or
Fowler's Deductive Logic, with Mill's Logic, Books, I, II.

Psychology.

Masson's Recent British Philosophy;
or
McCosh's Examination of J. S. Mill's Philosophy;
or
McCosh's Intuitions of the Mind, pages 1—242;
or
Mansel's Metaphysics, pages 1—281;
or
Bain's Mental and Moral Science, Books I, II, pages 1—214.

BACHELOR OF ARTS :—

Psychology.

Hamilton's Lectures on Metaphysics, and Mansel's Metaphysics;
or
James Mill's Analysis of the Phenomena of the Human Mind, edited by Bain, Grote, and Findlater;
or
McCosh's Intuitions of the Mind.

History of Philosophy.

Lewes's Biographical History of Philosophy, 2 volumes;
or
Schwegler's Hand-book of the History of Philosophy, with a few short original texts in English; *e. g.*, Plato's Apology, Republic I—IV; Aristotle's Ethics, I—IV and X; Descartes' Discourse on Method; Berkeley's Principles of Human Knowledge, or Berkeley's Dialogues of Hylas and Philonous; Kant's Prolegomena, by Mahaffy; Fichte's Nature of the True Scholar, by W. Smith.

Logic.

Hamilton's Lectures on Logic, and Mansel's Prolegomena Logica (The Appendix to Hamilton's Lectures to be omitted);
or
Ueberweg's System of Logic and History of Logical Doctrines.

Moral Systems.

Bain's Mental and Moral Science (Ethics), pages 429—702, with Plato's Republic, I—IV; Aristotle's Ethics, I—IV and X; Zeller's Stoics and Epicureans, translated by Reichel; Butler's Sermons, I—III, and Dissertation on Virtue.

Natural Theology.

McCosh's Method of the Divine Government;
or
Mansel's Limits of Religious Thought and Philosophy of the Conditioned, and Butler's Analogy, Part I.

V.—PHYSICAL SCIENCE.

FIRST ARTS:—

Chemistry.

Fownes's Inorganic Chemistry;
or
Chemistry for Students, by A. W. Williamson.

Physics.

Clerk Maxwell's Matter and Motion.
Ganot's Elements of Physics;
or
Deschanel's Natural Philosophy;
or
Golding, Bird and Brooke's Natural Philosophy.

BACHELOR OF ARTS:—

Physics.

The following in addition to the F. A. text-books:—

Balfour Stewart's Heat.
Tyndall's Sound.
Lömmel's Optics.
Cumming's Theory of Electricity.
Spottiswoode's Polarization of Light.

Chemistry.

The following in addition to the F. A. text-books:—

Fownes's Organic Chemistry.
Lecture Notes for Chemical Students (Vol. II, Organic Chemistry, by E. Frankland).
Jones' Practical Chemistry.

Mineralogy.

Manual of Mineralogy, by J. D. Dana;
or
Elements of Mineralogy, by J. Nicol;
or
Mineralogy, by Brooke and Miller.

Botany.

For Morphology, Histology, Physiology, Chemistry, Geographical Distribution, and Palæobotany:—Henfrey's Elementary Course of Botany, by Masters.

Thomé's Text-book, translated by Bennet.

For Systematic Botany:—Henfrey's Elementary Course; Oliver's First Book of Indian Botany.

Geology.

Lyel's Principles and Elements of Geology; Students' Manual; Nicholson's Palæontology; Dana's Manual of Geology; Jukes's Physical Geology; The Manual of Indian Geology, and the Memoirs* and Records* of the Indian Geological Survey; *Palæontologica Indica.**

Zoology.

Huxley's Introduction to Classification; Nicholson's Zoology; Jerdon's Mammals and Birds of India; Gunter's Reptiles of India; Theobald's Descriptive Catalogue of Reptiles of British India; Huxley's Anatomy of Vertebrate Animals;* Huxley and Martin's Elementary Biology;* Foster and Balfour's Elements of Embryology.*"

Dr. Rajendralala Mitra proposed—

That the subjects for Honours in Sanskrit be referred to a special Committee, for consideration and report with particular reference to Dr. Bühler's letter on the subject and the report submitted by a Committee of the Faculty some time ago.

Babu Piyarichand Mitra seconded the motion.

Mr. J. Eliot then proposed, as an amendment, that the report be adopted.

Mr. H. F. Blanford seconded the motion.

The Rev. W. Hastie then proposed the following amendment:—

That the Faculty, having considered the reports submitted by the Committee appointed to fix the limits of the courses in the F. A., B.A., and M. A. Examinations, thank the Committee for their diligence; but as the reports show a considerable inequality in the amount of work required in the optional subjects, they remit to a Committee to re-adjust the several subjects.

Baboo Kalicharan Banerjee seconded the amendment.

The amendment proposed by Dr. Hastie was put to the vote and lost.

Mr. Eliot's amendment was then put to the vote and carried. The original motion therefore fell to the ground.

163. The Faculty then proceeded to consider a letter from the Rev. J. Robertson and Mr. A. E. Gough, recommending that, in paragraph 9 of the Regulations for Honours in Arts, the words

* Those marked thus, for reference.

"History of Philosophy" be substituted for "Natural Theology," and the words "(*a*) Natural Theology" be substituted for "(*a*) History of Philosophy," and the words "as in Butler's Analogy and Paley's Evidences" be omitted.

Babu Piyarichand Mitra proposed that the Faculty recommend this alteration to the Syndicate.

Mr. H. F. Blanford seconded the motion.

Mr. A. M. Bose proposed the following amendment:—

That the discussion of this question be postponed until the new scheme for the F.A., B.A. and M.A. Examinations recommended by the Faculty have been considered by the Senate.

Dr. Guru Das Banerjee seconded the amendment.

The amendment was put to the vote and lost.

The original motion was then put to the vote and carried.

164. The Rev. James Robertson gave notice that he would propose the following motion at the next meeting of the Faculty:—

That, in the opinion of the Faculty of Arts, it is desirable to institute degrees in science in the University, and that the Syndicate be requested to submit this proposal to the Senate along with the revised courses of study recently adopted by the Faculty.

On account of the extreme lateness of the hour, the meeting was then adjourned.

Confirmed:

A. W. CROFT, *President.* CHARLES H. TAWNEY, *Registrar.*

MINUTES OF THE SYNDICATE

FOR THE YEAR 1879-80.

No 10.

THE 17TH APRIL.

Present:

THE HON'BLE A. WILSON, *Vice-Chancellor.*

A. W. CROFT, ESQ.	DR. D. B. SMITH.
REVD. J. ROBERTSON.	MAJOR JOHN ECKFORD, R.E.

165. Read a letter from the Officiating Under Secretary to the Government of India, in the Home, Revenue and Agricultural Department, stating that His Excellency the Governor General in Council has been pleased to appoint the Hon'ble A. Wilson to be Vice-Chancellor of the University, in succession to the Hon'ble Sir A. J. Arbuthnot, K.C.S.I., C.I.E.

ORDERED—

To be recorded.

166. Read a letter from the Under Secretary to the Government of India, in the Home, Revenue and Agricultural Department, stating that the Governor General in Council has been pleased to appoint the undermentioned gentlemen to be Fellows of the University:—

A. M. NASH, ESQ., M.A.	THE REVD. H. FINTER.
BABU GOVIN C. DUTT.	BABU KRISHNABIHARI SEN, M.A.
H. LEVINGE, ESQ., C.E.	THE REV. K. S. MACDONALD, M.A.
SYED MAHMUD.	G. R. ABERIGH-MACKAY, ESQ.

ORDERED—

That the Fellows be distributed as follows:—

A. M. NASH, ESQ. M.A. ...	*Faculty of Arts.*
BABU GOVIN C. DUTT ...	
THE REVD. H. FINTER ...	
BABU KRISHNABIHARI SEN, M.A. ...	
THE REV. K. S. MACDONALD, M.A. ...	
G. R. ABERIGH MACKAY, ESQ. ...	
SYED MAHMUD ...	*Faculty of Law.*
H. LEVINGE, ESQ. ...	*Faculty of Engineering.*

167. The Registrar submitted the report of the Syndicate for the year 1879-80.

ORDERED—

(1) That the report be adopted, printed, and circulated to the members of the Senate before the Annual Meeting of the Senate.

(2) That the Annual Meeting of the Senate be held on the 24th of April.

168. Read the proceedings of the Faculty of Engineering, dated the 22nd of March.

The proceedings were confirmed.

169. The Registrar submitted a letter from Colonel Stanton, stating that he had nominated Major Eckford, R.E., to officiate as a member of the Syndicate during his absence from Calcutta.

ORDERED—

To be recorded.

170. Read the proceedings of the Faculty of Medicine, at their Meeting on the 1st of April.

The proceedings were confirmed.

171. Read the proceedings of the Faculty of Law, at their Meeting on the 2nd of April.

The proceedings were confirmed.

172. Read the proceedings of the Faculty of Arts, at their Meeting on the 10th of April.

RESOLVED—

(1) That the Syndicate recommend to the Senate, that in paragraph 9 of the regulations for Honours in Arts, the words "History of Philosophy" be substituted for "Natural Theology," and the words "(*a*) Natural Theology" be substituted for "(*a*) History of Philosophy," and the words "as in Butler's Analogy and Paley's Evidences" be omitted.

(2) That the Registrar circulate the revised report of the Sub-Committee appointed to fix the extent and limits of the F.A., B.A., and M. A. courses, which was adopted by the Faculty of Arts at their last Meeting, to the Heads of Affiliated Institutions, for their opinions.

In connection with these proceedings, Mr. Croft nominated the Revd. J. Robertson, a Representative of the Faculty of Arts in the Syndicate during his absence from Calcutta.

173. The Registrar submitted the accounts of the University for the year 1879-80.

ORDERED—

That, out of the balance of Rs. 7,399-9-8, Rs. 3,000 be invested to form a Reserve Fund, and Rs. 450 be awarded to the Head Clerk as an addition to his salary, and Rs. 150 to the second clerk.

174. The following gentlemen were appointed to conduct the ensuing L.C.E. and B.C.E. Examinations:—

MAJOR JOHN ECKFORD, R.E.	...	*In Engineering.*
CAPT. W. JOHNSTONE, R.E.	...	
DR. H. W. M'CANN ..	...	*In Mathematics.*
DR. C. J. H. WARDEN ...	...	*In Chemistry.*
H. H. LOCKE, ESQ. ...	...	*In Drawing.*

175. The Registrar reported that Babu Kedar Nath Banerjee, 2nd writer, who obtained medical leave for three months, resumed charge of his duties on the 22nd of March.

176. The Registrar reported that he had paid Rs. 2,078 into the Bank of Bengal, to the credit of the Public Works Department.

RESOLVED—

That the Registrar's action be approved.

177. The Registrar reported that, in consultation with the President of the Faculty of Medicine, he had appointed Dr. McLeod to examine for Honors in Surgery and Dr. R. C. Chandra to examine for Honors in Midwifery; and submitted letters from the Examiners, stating that they considered that Prasaddas Mallik in Surgery, and Sibaprasad Ray in Midwifery, had attained the requisite standard for Honors.

RESOLVED—

That the Registrar's action be approved, and the names of the successful candidates published in the *Gazette*.

178. The Registrar submitted opinions from Directors, Inspectors, and Heads of Affiliated Institutions, on the proposed alteration of the system of marking at the Entrance Examination.

RESOLVED—

That the proposed alteration is inexpedient, as (1) a large number of the Educational authorities are averse to lowering the passing-standard for the Entrance Examination, and (2) the raising of the standard for the 1st Division would occasion inconvenience in the North-Western Provinces and Oudh, where scholarships are awarded to candidates who pass in that division only.

179. The Registrar reported that Biharilal Sarkar, of the Presidency College, stood highest in Physical Science of all the

candidates at the last B.A. Examination who do not hold any University, Government, or Private Scholarship.

RESOLVED—

That the Woodrow Scholarship be awarded to Biharilal Sarkar.

180. The Registrar submitted a letter from Atulkrishna Ray, requesting that he might be allowed to take up Botany, Zoology, and Geology as separate subjects for the Premchand Examination.

ORDERED—

That the Registrar inform the applicant that the Syndicate cannot comply with his request.

181. Read the following letter from the Secretary to the Herschel Testimonial Committee :—

"About two years ago, on the eve of the departure to England of Sir William Herschel, Bart., then Magistrate of Hugli, it was resolved, at a public meeting held in that town, that there should be a public recognition in some tangible form of Sir William Herschel's high character as a benefactor to the country. A Committee, called 'the Herschel Testimonial Committee' was then appointed for carrying out this object.

"The Herschel Testimonial Committee have succeeded in raising the sum of eighteen hundred rupees, and they direct me to make over the sum to the University, with the request that the University would be pleased to apply the annual interest of the money to carry out the following purpose :—

"I.—That an annual Gold Medal be instituted, bearing the words 'Herschel Medal' on one side.

"II.—That the medal be presented publicly every year at the Annual Convocation for conferring degrees to that candidate among the successful candidates for the degree of Bachelor of Arts, who obtains the highest marks in Astronomy.

"I beg herewith to enclose a Government Promissory Note of one thousand rupees at 4 per cent., another Government Promissory Note of five hundred rupees, also at 4 per cent., and three Currency Notes of one hundred rupees each."

"I have the honor to be, &c.,

"LAL BEHARI DAY,

"*Secy. to Herschel Testimonial Committee.*

"HUGLI:
February 20th, 1880.

ORDERED—

(1) That the Registrar convey the thanks of the University to the Secretary and Members of the Herschel Testimonial Committee, and enquire whether they would have any objection to the medal being awarded to the candidate who obtains the highest marks in Dynamics and Astronomy, as those subjects are comprised in one paper at the B. A. Examination.

(2) That the Registrar ask the Secretary to the Bank of Bengal to purchase three Government promissory notes of 100 Rs. each, and to convert all the notes into stock.

182. Read a letter from the Director of Public Instruction, British Burmah, praying that the Government High School, Rangoon may be affiliated to the University up to the First Arts Standard with effect from the 1st of January 1879.

RESOLVED—

That an application be made to the Government of India, requesting the Governor General in Council to sanction the affiliation of the Government High School, Rangoon, up to the standard for the First Examination in Arts, with effect from the 1st of January 1879.

183. Read a letter from the Revd. F. H. Baring, praying that the Batala Christian Boarding-school may be affiliated to the University, up to the First Arts Standard, with effect from the 1st of January 1880.

RESOLVED—

That an application be made to the Government of India, requesting the Governor General in Council to sanction the affiliation of the Batala Christian Boarding-school up to the standard for the First Examination in Arts, with effect from the 1st of January 1880.

184. The Registrar submitted an application from Krishnadhan Mookerjea, praying that the Harischandra Prize, which was awarded (on the result of the B. A. Examination) to Krishnalal Datta, who failed at the last M.A. Examination, may be given to him.

ORDERED—

That the Registrar inform the applicant that the Syndicate cannot comply with his request.

185. Read a letter from Mr. Pincott, announcing that a cheap edition of his *Sakuntalâ*, in Hindi, is about to be published, and requesting that it may be prescribed as a text-book for the Entrance Examination.

ORDERED—

(1) That, on receipt of the forthcoming cheap edition of Mr. Pincott's *Sakuntalá*, the Registrar submit the book, for report, to a Committee consisting of the following gentlemen:—

Dr. Rajendralala Mitra.	Dr. K. M. Banerjea.
,, A. F. Rudolf Hoernle.	A. E. Gough, Esq.

(2) That this order of the Syndicate be communicated to Mr. Pincott.

186. The question of appending a foot-note to the word "School" in the marginal note to the Entrance Certificate, which was deferred at the last meeting, was brought up again by the Registrar.

RESOLVED—

That the Syndicate recommend to the Senate, that the following foot-note be appended to the word "School" in the marginal note to the Entrance Certificate:—

"No school will be recognized by the Syndicate, unless it is certified, by a Government Inspector of Schools, as having been in existence continuously since the 1st of July next preceding the examination, and as qualified to teach up to the Entrance standard."

187. Read a letter from the Director of Public Instruction, Bengal, requesting that the new Engineering College lately opened at Sibpur, near Howrah, with which the Engineering Department of the Presidency College has been amalgamated, may be affiliated to the University, in Engineering, under the name of the Government Engineering College, Howrah; and that the affiliation of the Presidency College in Engineering may be cancelled.

RESOLVED—

That an application be made to the Government of India, requesting the Governor General in Council to sanction the affiliation of the Government Engineering College, Howrah, to the University, in Engineering, with effect from the 1st April 1880, and to cancel the affiliation of the Presidency College in Engineering.

188. Read a letter from the Director of Public Instruction, Bengal, enquiring whether a candidate who has passed the Gilchrist Scholarship Examination (now identified with the Matriculation Examination of the London University, but not the First Arts Examination of the Calcutta University will be admissible (other conditions required under section 2 of the regulations having been satisfied) to the Examination for the Licence in Medicine and Surgery.

RESOLVED—

That such a candidate can only be admitted by a special vote of the Senate.

189. Read a letter from the Rev. John Thurlow, M. A., of Cambridge, requesting that he may be admitted to an *ad eundem* degree in the University of Calcutta.

ORDERED—

That the Registrar inform the Rev. John Thurlow that the University of Calcutta is not empowered to grant *ad eundem* degrees.

190. The Registrar requested permission to raise the pay of three of the servants of the University, *viz.*,—of the duftry, from Rs. 6 to Rs. 7; of the bearer, from Rs. 5 to Rs. 6; and of the head peon, from Rs. 6 to Rs. 7.

RESOLVED—

That the revision of the establishment proposed by the Registrar be sanctioned.

The following remuneration-bills were passed :—

Honors in Law.	Rs.	A.	P.
Anderson Souttar, Esq.	150	0	0
Babu Upendranath Mitra	150	0	0
Total ...	300	0	0
Additional remuneration to Dr. G. W. Leitner, for setting the Arabic and Urdu papers at the last Entrance Examination	50	0	0

The following bills for contingencies were passed :—

FOR MARCH 1880.

	Rs.	A.	P.
1 Bill for service postage-stamps	100	0	0
1 „ Superintendent, Government Printing ...	906	5	0
1 „ Secundra Press, for printing Examination-papers	15	10	0
1 „ Secretary, District Committee of Public Instruction, Bankura, for examination expenses	35	3	9
1 „ for scouring the hall, whitewashing the wall, and polishing the dais ...	70	0	0
5 Bills, conveyance-hire to teachers for superintending the Examination ...	81	0	0
3 „ Telegrams to Agra and Benares ...	3	0	0
Insufficient postage to letters received ...	0	2	6
Carried forward ...	1,211	5	3

		Rs.	A.	P.	Rs.	A.	P.
	Brought over ...	1,211	5	3			
1	Bill, Mint Master, for gold and silver medals...	197	7	6			
1	„ *Englishman* Press, for advertisement ...	4	0	0			
1	„ *Statesman* Press, for ditto ...	3	12	0			
1	„ *Hindu Patriot*, for ditto ...	3	4	0			
1	„ Allowance to the Pressman from January to March 1880	9	0	0			
1	„ Insufficient postage to a cover ...	0	1	0			
1	„ Nilmani Mookerjea, for purchasing Sanskrit books	7	8	0			
1	„ for sundries	32	13	0			
3	Bills, Messrs. Thacker, Spink, & Co., for prize-books	300	0	0			
					1,762	2	9

Mouat Testimonial Fund.

1	Bill, Mint Master, for a gold medal				92	6	6

Radhakanta Memorial Fund.

1	Bill, Mint Master, for gold medals				184	13	0
	TOTAL ...				2,046	6	3

CHARLES H. TAWNEY,
Registrar.

(Confirmed)

ARTHUR WILSON,
Vice-Chancellor.

REPORT OF THE SYNDICATE FOR THE YEAR 1879-80.

The usual examinations have been held during the year in Arts, Law, Medicine, and Engineering, and a tabular statement is appended, shewing the results and affording a comparison with the results of previous years. The total number of candidates who appeared at this year's examinations was 4,399, against 4,180 in the previous year.

Entrance Examination.

The number of candidates registered for the Entrance Examination was 2,697, of whom 1,069 passed, 1,585 failed, and 43 were absent. Of the successful candidates, 114 were placed in the First Division, 530 in the Second, 425 in the Third. Of the 1,585 candidates who failed, 1,259 were rejected in English, 720 in the second languages, 519 in History and Geography, and 1,204 in Mathematics. The number of candidates was greater by 80 than in the previous year. The result of the examination shews a slight decrease in the percentage of passed candidates as compared with 1878. The number passed in 1878 was 41 per cent., whereas in 1879 only 39 per cent. passed.

The following table shews the number of candidates that came up from each province, the number passed, and the percentage of successful candidates for the years 1878-79 :—

ENTRANCE EXAMINATION.

	1878.			1879.		
	Number of candidates.	Number passed.	Per centage	Number of candidates.	Number passed.	Per centage.
Bengal	1,933	755	39·05	1,996	768	38·47
Assam ..	59	15	25·42	53	24	45·28
North-Western Provinces	280	140	50	270	107	39·62
Rajputana	15	8	53·33	12	5	41·66
Jaypur	9	5	55·55	4	2	50
Nepal ...	2	.	.	1	...	...
Panjab	97	55	56·7	113	51	45·13
Central Provinces ..	64	40	62·5	82	43	52·43
Central India States	17	4	23 52	26	11	42·30
Oudh ..	107	61	57	106	40	37·73
British Burmah .	2	2	100	7	7	100
Ceylon	32	13	40 62	27	11	40 74
TOTAL ...	2,617	1,098	41 95	2,697	1,069	39 63

The number of candidates who failed in one subject only is subjoined :—

English	187
Second Languages	26
History and Geography	9
Mathematics	173

The following is a classification of the candidates according to the stations at which they were examined, and the second languages they took up :—

BENGAL.

	Number of candidates.	Latin.	Sanskrit.	Arabic.	Persian.	Urdu.	Hindi.	Bengali.	Uriya.	Burmese.	Armenian.
Calcutta	871	55	647	...	20	1	..	142	..	2	4
Hugli	221	1	171	3	3	...	...	43	...	...	...
Dacca	250	...	187	...	4		..	59	...	...	...
Krishnagar	234	...	153	...	2	...	.	79	...	...	...
Berhampore	39	...	25	1	...	1	...	12	...	...	...
Patna	149	..	44	19	17	47	18	4	...	...	...
Bhagalpur	52	...	31	...	5	5	3	8	...	...	...
Bankura	24	.	8	...	...	...	...	16	...	...	...
Midnapur	24	...	3	...	1	...	...	20	...	...	..
Katak	35	1	19	...	1	...	...	3	11	...	...
Barisal	25	...	21	...	...	...	...	4	...	...	...
Darjeeling	4	4	..	..	...	...	...	...	...	...	...
Ranchi	25	..	6	...	...	...	4	15	...	...	...
Chittagong	10	...	7	..	...	...	...	3	...	...	...
Beaulia	34	...	29	...	...	...	...	5	...	...	...

RAJPUTANA.

Ajmere	12	...	2	...	4	6	...	...	...	...	...

ASSAM.

Sylhet	29	. .	18	...	...	...	...	11	...	...	...
Gauhati	19	...	14	...	...	...	...	5	...	...	..
Sibsagar	5	..	2	...	...	...	...	3	...	...	...

N.-W. PROVINCES.

Allahabad	63	2	22	...	25	11	3	...	...	...	...
Agra	70	4	14	...	46	6	..	...	...	...	...
Benares	88	...	36	2	35	10	4	1	...	..	...
Bareilly	41	...	8	...	32	1	...	...	...	...	...
Mussooric	8	3	1	...	4	...	...	...	...	...	...

JAYPUR.

	Number of candidates.	Latin.	Sanskrit.	Arabic.	Persian.	Urdu.	Hindi.	Bengali.	Uriya.	Burmese.	Armenian.
Jaypur	4	...	2	...	2	...	...	...	...	...	...

PANJAB.

Delhi	24	...	3	...	19	2	...	...	..	...	...
Lahore	77	...	13	5	53	6	...	...	...	..	...
Simla	11	11	...	...	...	...	...	...	...	...	...
Peshawar	1	...	...	...	1	...	...	...	...	...	...

OUDH.

Lucknow	106	15	5	...	32	51	2	1	...	...	...

CENTRAL PROVINCES.

Jabalpur	42	...	28	...	12	2	...	...	...	...	...
Nagpur	40	3	33	...	..	4	...	..	...	...	...

BURMAH.

British Burmah ...	7	2	...	...	...	...	...	...	...	5	...

CEYLON.

Colombo	24	24	..	...	...	...	...	...	...	...	...
Batticaloa	3	3	...	...	...	...	...	...	...	...	...

CENTRAL INDIA STATES.

Indore	17	1	8	...	3	1	4	...	...	...	...
Rutlam	4	...	...	...	...	1	3	...	...	...	...
Mhow	2	...	1	...	1	...	...	...	...	...	...
Dhar	3	..	3	...	...	...	...	...	...	...	...

The divisions in which the successful candidates from each province were placed, and the religions professed, are shewn in the following tables :—

	Number of candidates.	Number passed.			
		First Division.	Second Division.	Third Division.	Total.
Bengal	1,996	91	375	302	768
Assam	53	2	10	12	24
N.-W. Provinces ...	270	3	52	52	107
Rajputana	12	1	2	2	5
Jaypur	4	...	...	2	2
Nepal	1	...	..	...	..
Panjab	113	6	30	15	51
Central Provinces	82	2	30	11	43
Central India States	26	2	2	7	11
Oudh	106	5	16	19	40
British Burmah	7	2	4	1	7
Ceylon	27	...	9	2	11
Total ...	2,697	114	530	425	1,069

RELIGION.

BENGAL.

Hindus	1,771	82	326	270	678
Mahomedans	83	3	14	10	27
Christians	76	2	17	9	28
Others	66	4	18	13	35
Total ...	1,996	91	375	302	768

ASSAM.

Hindus	46	2	9	12	23
Mahomedans	5	...	1	...	1
Christians	1	...	...	...	...
Others	1	...	...	...	...
Total ...	53	2	10	12	24

N.-W. PROVINCES.

Hindus	208	1	43	41	85
Mahomedans	36	1	7	8	16
Christians	23	1	2	3	6
Others	3	...	...	...	...
Total ...	270	3	52	52	107

JAYPUR.

	Number of candidates.	Number passed.			
		First Division.	Second Division.	Third Division.	Total.
Hindus	2	...	...	1	1
Others	2	...	...	1	1
Total ...	4	...	...	2	2

RAJPUTANA.

Hindus	11	1	2	2	5
Mahomedans	1	...	...	...	...
Total ...	12	1	2	2	5

BRITISH BURMAH.

Christians	4	1	2	1	4
Others	3	1	2	...	3
Total ...	7	2	4	1	7

CENTRAL PROVINCES.

Hindus	69	...	26	11	37
Mahomedans	8	1	2	...	3
Christians	5	1	2	...	3
Total ...	82	2	30	11	43

CENTRAL INDIA STATES.

Hindus	22	...	1	6	7
Others	4	2	1	1	4
Total ...	26	2	2	7	11

OUDH.

Hindus	80	1	11	13	25
Mahomedans	10	...	...	3	3
Christians	16	4	5	3	12
Total ...	106	5	16	19	40

PANJAB.

	Number of candidates.	Number passed.			
		First Division.	Second Division.	Third Division.	Total.
Hindus	76	3	16	13	32
Mahomedans	16	1	6	2	9
Christians	20	2	8	...	10
Others	1	...	...	...	...
Total	113	6	30	15	51

CEYLON.

Christians	22	...	8	...	8
Others	5	...	1	2	3
Total	27	...	9	2	11

NEPAL.

Hindu	1	...	...	..	...

The following statement shews the number of unsuccessful candidates of previous years that came up from each province, and the number passed :—

	Number of candidates.	Number passed.				Percentage.
		First Division.	Second Division.	Third Division.	Total.	
Bengal	684	9	128	150	287	41·95
Assam	21	...	3	8	11	52·38
N.-W. Provinces	92		19	18	38	41·30
Rajputana	4	...	1	1	2	50·
Jaypur	1	...	...	1	1	100·
British Burmah	...	...	...	...	...	...
Central Provinces	14	...	6	3	9	64·28
Central India States	11	...	..	3	3	27·27
Oudh	24	..	8	6	14	58·33
Panjab	24	1	7	4	12	50·
Ceylon	12	...	2	...	2	16·66
Nepal	1	...	...	...	...	...
Total	888	11	174	194	379	42·68

First Arts.

The number of candidates registered for the first examination in Arts was 1,040, of whom 320 passed, 668 failed, and 52 were absent. Of the successful candidates, 33 were placed in the First Division, 112 in the Second, and 175 in the Third. Of the 668 candidates who failed, 594 were rejected in English, 375 in the second languages, 426 in History, 430 in Mathematics, 480 in Logic, 196 in Chemistry, and 118 in Psychology.

A comparative statement of the number of candidates, the number passed, and the percentage of passed candidates from each province for the years 1878-79, is subjoined :—

FIRST ARTS EXAMINATION.

	1878.			1879.		
	Number of candidates.	Number passed.	Per-centage.	Number of candidates.	Number passed.	Per-centage.
Bengal	784	208	26·53	909	261	28·71
N.-W. Provinces ...	71	23	32·39	67	35	52·23
Jaypur	2	1	50	5	2	40
Panjab	22	11	50	12	6	50
Central Provinces ...	15	9	60	13	4	30·76
Rajputana	4	1	25	...	...	...
Central India States...	1	...	...	2	...	...
Oudh	21	13	61·90	22	9	40·90
Ceylon	3	1	33·33	10	3	30
TOTAL ...	923	267	28·92	1,040	320	30·76

The following is a statement of the number of candidates who failed in one subject only :—

English	30
Second Languages	5
History	0
Mathematics	11
Logic	1
Chemistry	2
Psychology	0

A classification of the candidates, according to the second languages and alternative subjects they took up, gives the following results :—

BENGAL.

	Number of candidates.	Latin.	Sanskrit.	Arabic.	Persian.	Psychology.	Chemistry.
Calcutta ...	566	60	493	2	11	313	253
Hugli	78	...	75	1	2	7	71
Dacca	77	3	70	...	4	22	55
Krishnagar ...	39	...	39	...	...	2	37
Berhampore ...	19	...	19	...	...	10	9
Patna	72	...	37	14	21	7	65
Katak	8	1	6	...	1	1	7
Chittagong ...	9	...	8	...	1	8	1
Midnapur ...	13	...	13	...	...	13	...
Baulia	27	...	27	...	...	2	25

N.-W. PROVINCES.

Benares	31	2	17	1	11	7	24
Allahabad ...	23	...	8	...	15	3	20
Agra	19	...	9	...	10	14	5

OUDH.

Lucknow ...	21	...	14	1	6	2	19

PANJAB.

Lahore	12	1	7	2	2	10	2

CENTRAL PROVINCES.

Jabalpur	13	...	10	...	3	...	13

CENTRAL INDIA STATES.

	Number of candidates.	Latin.	Sanskrit.	Arabic.	Persian.	Psychology.	Chemistry.
Indore	2	...	2	...	...	...	2

CEYLON.

Colombo... ...	10	10	...	...	...	5	5

The following tables shew the divisions in which the successful candidates from each province passed, and the religions professed :—

PROVINCES.

	Number of candidates.	Number passed.			
		First Division.	Second Division.	Third Division.	Total.
Bengal	909	26	99	136	261
N.-W. Provinces	67	7	6	22	35
Jaypur	5	...	1	1	2
Panjab	12	...	2	4	6
Central Provinces	13	...	3	1	4
Central India States	2	...	...	...	...
Oudh	22	...	...	9	9
Ceylon	10	...	1	2	3
TOTAL ...	1,040	33	112	175	320

RELIGION.

Hindus	810	25	85	120	230
Mahomedans	39	...	5	8	13
Christians	29	1	6	5	12
Others	31	...	3	3	6
TOTAL ..	909	26	99	136	261

N.-W. PROVINCES.

Hindus	57	6	6	20	32
Mahomedans	5	...	...	...	...
Christians	2	...	...	1	1
Others	3	1	...	1	2
TOTAL ...	67	7	6	22	35

JAYPUR.

	Number of candidates.	Number passed.			
		First Division.	Second Division.	Third Division.	Total.
Hindus	5	...	1	1	2

PANJAB.

Hindus	8	...	..	4	4
Mahomedans	2	...	2	..	2
Christians	1	...	...	...	...
Others	1	.	..	..	...
TOTAL ...	12	...	2	4	6

CENTRAL PROVINCES.

Hindus	13	...	3	1	4

CENTRAL INDIA STATES.

Hindus	2	...	...	...	...

OUDH.

Hindus	21	. .	...	8	8
Mahomedans	1	...	...	1	1
TOTAL ...	22	..	...	9	9

CEYLON.

Hindus	1	...	...	...	. .
Mahomedans	9	. .	1	2	3
TOTAL ...	10	..	1	2	3

The following statement shews the number of unsuccessful candidates of previous years that came up from each province, and the number passed :—

	Number of candidates.	Number passed.				Percentage.
		First Division.	Second Division.	Third Division.	Total.	
Bengal	355	2	30	63	95	26 81
N.-W. Provinces ...	28	1	...	13	14	50
Jaypur	2	...	1	1	2	100
Panjab	3	...	...	1	1	33·33
Central India States ...	1	...	...	...	...	...
Oudh	9	...	...	6	6	66·66
TOTAL ...	398	3	31	84	118	29·64

B. A. Degree Examination.

The number of candidates registered for this examination was 319, being less by 4 than the number in the previous year ; and of these, 132, as in 1879, took up the A Course, and 187 took up the B Course, against 191 in 1879.

Of the 132 candidates in the A Course, 39 (or a little over 22 per cent.) were successful, 83 (or about 63 per cent.) failed, and 10 were absent. Of the successful candidates, 2 were placed in the First Division, 8 in the Second, and 29 in the Third.

Of the 187 candidates in the B Course, 73 (or 39 per cent.) were successful ; of these, 5 were placed in the First Division, 28 in the Second, and 40 in the Third.

In the whole examination, 112, or a little over 35 per cent., passed, against 28 per cent. in the previous year.

Of the 191 candidates who failed, 107 were rejected in English, 144 in Mathematics, 14 in the Second Languages, 7 in History, 21 in Philosophy, 2 in Optional Mathematics, 37 in Chemistry, 44 in Physical Geography, 41 in Physics, 4 in Zoology, 8 in Botany, and 2 in Geology. The number of candidates who took up these subjects is given in a subsequent table.

The following is a statement of the number of candidates who failed in one subject only :—

English	17
Mathematics	25
Second Language	1
Chemistry	2
Physical Geography	2
Physics	2
Geology	1

The following tables shew (1) the number of candidates from each province who took up the A and B Courses respectively, (2) the second languages and the optional subjects in Philosophy and History taken up by the A candidates, (3) the different branches of science taken up by the B candidates, and (4) the classes in which the successful candidates were placed :—

B. A. EXAMINATION.

A COURSE.

	Number of candidates.	Latin.	Sanskrit.	Persian.	Philosophy.			History.			Optional Mathematics.	Passed.			
					Moral Philosophy.	Butler.	Logic.	Arnold.	Mill.	Jewish History.		First Division.	Second Division.	Third Division.	Total.
Bengal	108	2	106	...	2	1	101	15	9	77	11	...	6	23	29
N.-W. Provinces ...	15	1	6	8	1	4	5	1	...	13	6	2	1	3	6
Panjab	6	...	2	4	...	...	5	...	1	6	...	...	...	2	2
Ceylon	3	3	...	...	...	1	2	...	1	2	...	...	1	1	2
TOTAL ...	132	6	114	12	3	6	113	16	11	98	17	2	8	29	39

B. A. EXAMINATION.

B COURSE.

	Number of candidates.	Physics.	Zoology.	Botany.	Geology.	Passed.			
						First Division.	Second Division.	Third Division.	Total.
Bengal	154	91	61	2	...	5	25	31	61
N.-W. Provinces ...	17	11	...	6	...	..	..	4	4
Oudh	12	11	...	1	...	...	3	5	8
Panjab	3	...	...	...	3	...	...	...	...
Ceylon	1	...	1	...	...	...	...		..
TOTAL ...	187	113	62	9	3	5	28	40	73

The following is a comparative statement of the total number of candidates, the number passed, and the percentage of successful candidates from each province for the year 1879-80 :—

B. A. EXAMINATION.

	1879.			1880.		
	Number of candidates.	Number passed.	Percentage.	Number of candidates.	Number passed.	Percentage.
Bengal	273	71	26	262	90	34·35
N.-W. Provinces	33	14	42·42	32	10	31·25
Panjab	6	2	33	9	2	22·22
Oudh	8	4	50	12	8	66·66
Ceylon	2	...	...	4	2	50
Assam	1	...	...	...	...	...
TOTAL ...	323	91	28·17	319	112	35·10

The divisions in which the candidates from each province passed, and the religion professed, are shewn in the following tables :—

PROVINCES.

	Number of candidates.	NUMBER PASSED.			
		First Division.	Second Division.	Third Division.	Total.
Bengal	262	5	31	54	90
N.-W. Provinces	32	2	1	7	10
Panjab	9	...	...	2	2
Oudh	12	...	3	5	8
Ceylon	4	...	1	1	2
TOTAL ...	319	7	36	69	112

RELIGION.

BENGAL.

	Number of candidates.	Number passed.			
		First Division.	Second Division.	Third Division.	Total.
Hindus	219	5	26	43	74
Mahomedans	9	...	...	3	3
Christians	6	...	1	1	2
Others	28	...	4	7	11
TOTAL ...	262	5	31	54	90

N. W. PROVINCES.

Hindus	26	2	1	6	9
Mahomedans	1	...	...	...	...
Christians	5	...		1	1
TOTAL ...	32	2	1	7	10

PANJAB.

Hindus	7	...	...	1	1
Mahomedans	2	...	...	1	1
TOTAL ...	9	...	...	2	2

OUDH.

Hindus	12	...	3	5	8

CEYLON.

Christians	4	...	1	1	2

The following statement shews the number of unsuccessful candidates of previous years that came up from each province, and the number passed:—

B. A. EXAMINATION.

A COURSE.

	Number of candidates.	Number passed.				Percentage.
		First Division.	Second Division.	Third Division.	Total.	
Bengal	48	...	2	13	15	31·25
N.-W. Provinces ...	4	...	...	...	...	...
Panjab	2	...	...	...	...	...
Ceylon	1	...	...	...	...	...
TOTAL ...	55	...	2	13	15	27·27

B COURSE.

	Number of candidates.	Number passed.				Percentage.
		First Division.	Second Division.	Third Division.	Total.	
Bengal	73	...	7	10	17	23·28
N.-W. Provinces ...	6	...	...	3	3	50
Oudh	6	...	2	2	4	66·66
TOTAL ...	85	...	9	15	24	28·23

M. A. Examination.

There were 33 candidates for Honors in Arts, of whom 22 were successful,—3 being placed in the first class, 13 in the second, and 6 in the third. For the degree of M. A. there were 19 candidates, of whom 10 were successful. Of the three candidates for Honors, who were placed in the first class, one passed in English and two in Physical Science. Each of them received a prize of books worth Rs. 100. Gold medals were awarded to two of them, and a silver one to the student who stood second in Physical Science.

The institutions from which the candidates came up, the subjects of examination, and the number passed, are shewn in the following tables:—

HONORS IN ARTS.

Names of Institutions	English.		Sanskrit.		History.		Mathematics.		Philosophy.		Physical Science.	
	Number of candidates.	Number passed.	Number of candidates.	Number passed.	Number of candidates.	Number passed.	Number of candidates.	Number passed.	Number of candidates.	Number passed.	Number of candidates.	Number passed.
Dacca College ..	2	1	.	.	...	...	...	...	...	...	...	...
Free Church Institution ..	.	...			2	1	...	...	...			
Hugli College ...	...	...	...		...	...	...	...	..	.	3	1
Muir Central College ...	...	...		.	...	...	...	...	..	..	2	2
Presidency College	8	6	..	.	4	1	4	3	1	1	6	6
Sanskrit College,	.	...	1	...	...	...	.	...			...	
Total ...	10	7	1	...	6	2	4	3	1	1	11	9

M. A. DEGREE.

Names of Institutions.	English.		Sanskrit.		History.		Mathematics.		Philosophy.		Physical Science.	
	Number of candidates.	Number passed.	Number of candidates.	Number passed.	Number of candidates.	Number passed.	Number of candidates.	Number passed.	Number of candidates.	Number passed.	Number of candidates.	Number passed.
Cathedral Mission College ...	...	...	...	...	1	...	...	...	.	..	1	1
Dacca College .	...	..		...	1	1	...	...	...	.	...	...
Free Church Institution ..	1		...	...	1	...	...	..	...	...	...	
Hugli College ..	1	1	..	...	...	..	...	...	...	...	1	...
Krisnagar College ...	...	...	...	..	...	...	1	1	...	...	...	..
Muir Central College	...	...	...	...		...	...	..	...	...	2	1
Presidency College .	3	1	..	..	1	1	2	2	1		1	..
Sanskrit College,			1	1	.	...	..	...	...	...	...	
Total ...	5	2	1	1	4	2	3	3	1	..	5	2

Law Examination.

For the degree of B. L. there were 89 candidates, of whom 47 passed in the second class. The colleges from which the candidates came up, and the divisions in which they passed, are shewn in the following table :—

Names of Institutions.	Number of candidates.	Number Passed.	
		First Division.	Second Division.
Canning College, Lucknow ...	1	...	...
Dacca College	5	...	4
Hugli College	7	...	2
Krishnagar College	4	...	3
Patna College	5	...	4
Presidency College	67	...	34
Total ...	89	...	47

For Honors in Law, one candidate presented himself, and passed successfully.

Examinations in Medicine.

For the first M. B. Examination, 29 candidates were registered; and of these, 2 passed in the First Division and 12 in the Second.

For the First L. M. S. Examination there were 18 candidates, of whom 4 passed.

Three candidates for the First M. B. Examination, who failed in Comparative Anatomy only at the Examination of 1879, have been gazetted as having passed the First L. M. S. Examination.

For the Second M. B. Examination there were 17 candidates, of whom 3 passed in the First Division and 4 in the Second.

For the second L. M. S. Examination there were 111 candidates, of whom 65 were successful.

For the degree of M. D., one candidate presented himself, and passed successfully.

Three candidates appeared for Honors in Medicine; one obtained Honors in Surgery, and one in Midwifery.

Examinations in Engineering.

There were 5 candidates for the degree of B. C. E., and 21 for the Licence in Civil Engineering; but none obtained the requisite standard for passing.

Two candidates obtained the degree of B. C. E., having fulfilled the conditions required under paragraph 8 of the Regulations for the degree of Bachelor in Civil Engineering.

Tagore Law Professorship.

For the Tagore Law Professorship, vacated by the retirement of Dr. Trailokyanath Mitra after delivering his course of lectures, 6 candidates offered themselves. At a meeting of the Senate held on the 30th August, Baboo Rajkumar Sarbadhikari was elected Professor for the period of one year. The Professor is now engaged in delivering a course of lectures on the law relating to the origin and nature of the *Srâddha* ceremonies and the gradual development of the principles of inheritance in the different schools of Hindu Law.

Institutions affiliated.

The following institutions have been affiliated in Arts and Law during the year :—

In Arts—

St. Francis DeSales's School, Nagpur, up *to First Arts Standard.*

In Law—

Rajshahye College, Baulia.

University Library.

During the past year some of the Oriental classics recommended to be purchased by the Library Committee have been received, and further consignments from England are expected.

ENDOWMENTS.

Pacheti Sanskrit Prize Fund.

Maharaja Nilmani Sing Deo Bahadoor has made over to the University Rs. 2,000 in Government promissory notes, in order to found a Prize to be awarded to the student who obtains the highest marks in Sanskrit at the First Arts Examination of each year.

Herschel Testimonial Fund.

The Subscribers to the Herschel Testimonial Fund have made over to the University the sum of Rs. 1,500 in Government Promissory Notes and Rs. 300 in cash, in order to found a Gold Medal to be awarded to the student who obtains the highest marks in Astronomy in the B. A. Examination of each year.

Changes in the Regulations.

The following changes in the Regulations of the University have been sanctioned by the Senate and approved by the Governor General in Council :—

Regulations for the Entrance Examination.

It has been decided to state, in the list of successful Entrance candidates annually published by the University, the age of every candidate, opposite his name; with this view, the following words have been inserted after the word "order" in the 7th paragraph of the Regulations for the Entrance Examination:—"with a column shewing the age stated by each candidate in his application"; and the Registrar has been ordered to insert, in the certificate granted to candidates who have passed the Entrance Examination, the age of each candidate, after his name.

For the marginal note hitherto appended to the certificate of Entrance candidates, the following has been substituted:—

"This certificate is to be signed by the Principal or Head Master of the College or School at which the candidate has been educated continuously since the 1st July next preceding the Examination, or, if he has not been a pupil of any one School continuously since that date, by the Principal of an Affiliated College, or a Government Inspector of Schools."

The following alterations will come into effect at the Entrance Examination of 1880:—

In paragraph 2 of the Regulations for the Entrance Examination, the following words have been omitted:—"provided he will be above the age of sixteen years on the 1st March following, and not otherwise."

In the form of Entrance Application prescribed by the University, the following introductory note to the certificate has been omitted:—"The authorities signing this certificate are requested to use strict precautions for preventing the possibility of any misunderstanding on the part of any candidate as to the right interpretation of the rule regarding the age of admission—namely, that he is not eligible for admission unless he shall have completed 16 years from the date of birth on the 1st of March next."

In the certificate itself, for the words, "I certify that the above-named candidate will, to the best of my belief, be above the age of 16 years on the 1st of March next; that I know nothing against his moral character," the following words have been substituted: "I certify that I know nothing against the moral character of the above-named candidate." In the list of particulars to be filled in by the candidate, after the word "age" the following words have been added:—"on the 1st of January next."

Regulations for the Licence in Medicine and Surgery and the Degree of M. B.

In paragraph 6 of the "Regulations for the Licence in Medicine and Surgery," and in paragraph 6 of the "Regulations for the degree of Bachelor of Medicine," for the word "Chemistry" have been substituted the words "Elementary Chemical Physics, including the General Laws of Light, Heat, Electricity and Magnetism; also Chemistry, Organic and Inorganic, having special reference to Practical Medical Science."

In paragraph 8 of the "Regulations for the degree of Bachelor in Medicine," for the words "one course of 50 lectures, diseases of the eye," the following words have been substituted: "one course of 25 lectures, diseases of the eye."

In paragraph 9, clause *b* of the "Regulations for the Licence in Medicine and Surgery," and in paragraph 8, clause *b* of the "Regulations for the degree of Bachelor in Medicine," for the words, "one course of 70 lectures, General Pathology and Morbid Anatomy," the following words have been substituted: "one course of 40 lectures, General Pathology and Morbid Anatomy." In paragraph 9, clause *d* of the "Regulations for the Licence in Medicine and Surgery," and in paragraph 8, clause *d* of the "Regulations for the degree of Bachelor in Medicine," after the words, "six *post-mortem* examinations," the following words have been added: "and of having regularly attended one course of practical demonstrations in the dead-house."

The following gentlemen have been appointed Fellows of the University by His Excellency the Governor General in Council:—

A. M. Nash, Esq., M.A.
Baboo Gobind C. Dutt.
H. Levinge, Esq., C.E.
Syed Mahmud.
The Rev. H. Finter.
Baboo Krishnabihari Sen, M.A.
The Rev. K. S. Macdonald, M.A.
G. R. Aberigh Mackay, Esq.

A statement of receipts and disbursements, from 1st April 1879 to 31st March 1880, is subjoined: it shews that the ordinary receipts of the year have exceeded the expenditure by Rs. 7,399-9-8.

Statement of Receipts and Disbursements of the Calcutta University from 1st April 1879 to 31st March 1880.

RECEIPTS.	Amount.	Total.	DISBURSEMENTS.	Amount.	Total.
	Rs. A. P.	Rs. A. P.		Rs. A. P.	Rs. A. P.
Balance on the 31st March 1879	...	5,785 8 6	Paid on account of salaries	7,558 0 0	
Amount received as an advance for the current expenditure of the year	...	10,000 0 0	„ Remuneration to Examiners	46,145 0 0	
			„ Medals and prizes	497 7 6	
			„ Municipal taxes	1,331 4 0	
			„ Bonus	450 0 0	
Fees.			„ Contribution to Library Fund ...	1,500 0 0	
			„ Examination expenses to Mofussil Centres	2,894 8 0	
Entrance Examination	26,970 0 0		„ Printing examination-papers	1,713 13 1	
First Examination in Arts	20,800 0 0		„ Fencing the north verandah	110 0 0	
B. A. Examination	9,570 0 0		„ Stationery	1,154 14 6	
Honors in Arts	1,650 0 0		„ Calendar	800 0 0	
M. A. Examination	950 0 0		„ Commission to Messrs. Thacker Spink & Co.	11 2 0	
B. L. Examination	2,670 0 0		„ Amount to Government, as per receipt No. A 18-1549, dated 15th November 1879	10,000 0 0	
Honors in Law	100 0 0		„ Service postage-stamps	375 0 0	
Second M. B. Examination	510 0 0		„ Advertisement	22 0 0	
„ L. M. S. Examination	2,775 0 0		„ Contingencies	1,149 8 9	
First M. B. Examination	580 0 0		„ Safe custody of gowns	50 0 0	
„ L. M. S. Examination	420 0 0		„ New gown	50 0 0	
M. D. Examination	100 0 0		„ Printing minutes, &c., &c.	906 5 0	
B. C. E. Examination	210 0 0		„ One B. A. fee returned	30 0 0	
L. C. E. Examination	525 0 0				
		67,830 0 0			76,698 14 10
Fees for duplicate certificate	100 0 0				
Fine	14 0 0				
Contribution to the Gown Fund	125 0 0		Balance in the Bank ...	...	7,399 9 8
Sale of University Calendar	223 0 0				
Sale of Durma mats	21 0 0				
		483 0 0			
Total ...	...	84,098 8 6	Total .	...	84,098 8 6

X

Dr. *Account, Premchand Roychand Studentship Fund.* *Cr.*

	Rs. A. P.	Rs. A. P.		Rs. A. P.	Rs. A. P.
To Balance on the 31st March 1879...	...	9,108 13 1	By Cheque paid for Studentships ...	9,050 0 0	
„ Interest on Government Securities	8,840 0 0		„ Commission	22 1 8	
„ Studentship Examination fees ...	224 0 0		„ Remuneration to Examiners ...	600 0 0	9,672 1 8
		9,064 0 0	Balance ...	...	8,500 11 5
TOTAL ...	...	18,172 13 1	TOTAL ...	...	18,172 13 1

Account, Duff Memorial Fund.

	Rs. A. P.	Rs. A. P.		Rs. A. P.	Rs. A. P.
To Balance on the 31st March 1879...	...	923 4 5	By Scholarships	720 0 0	
„ Interest on Government Securities	...	955 0 0	„ Commission	2 6 4	722 6 4
			Balance ...	...	1,155 14 1
TOTAL ...	...	1,878 4 5	TOTAL ...	...	1,878 4 5

Dr. *Account, Tagore Law Professorship.* *Cr.*

	Rs. A. P.	Rs. A. P.		Rs. A. P.	Rs. A. P.
To Balance on the 31st March 1879,	...	2,716 11 6	By Professor's salary... ...	10,000 0 0	
„ Interest on Government Securities	...	12,000 0 0	„ Cost of printing Lectures .	1,660 0 0	
			„ Contribution	1,000 0 0	
			„ Commission	30 0 0	
			„ Postage	125 0 0	
			„ Advertisement	80 5 0	
			„ Cooly-hire	0 8 0	
					12,895 13 0
			Balance ...	..	1,820 14 6
TOTAL ...	...	14,716 11 6	TOTAL ...	...	14,716 11 6

Account, Library Fund.

	Rs. A. P.	Rs. A. P.		Rs. A. P.	Rs. A. P.
To Balance on the 31st March 1879,	...	1,178 5 8	By Cost of purchasing new books,	455 4 0	
„ Amount contributed from the General Fee Fund.	...	1,500 0 0	„ Binding books ...	13 12 0	469 0 0
			Balance ...	...	2,209 5 8
TOTAL ...	...	2,678 5 8	TOTAL ...	...	2,678 5 8

Dr. *Account, Vizianagram Scholarship.* *Cr.*

	Rs. A. P.	Rs. A. P.		Rs. A. P.	Rs. A. P.
To Balance on the 31st March 1879 ...	500 0 0		By Cheque paid on account of Scholarship	...	600 0 0
„ Amount received from Raja Sutyanund Ghoshal, Bahadoor ...	600 0 0		Balance ...	.....	500 0 0
		1,100 0 0			
TOTAL ...	...	1,100 0 0	TOTAL ...	..	1,100 0 0

Account, Mouat Testimonial Fund.

	Rs. A. P.	Rs. A. P.		Rs. A. P	Rs. A. P.
To Balance on the 31st March 1879...	...	279 1 10	By Cost of a Gold Medal ..	92 6 6	
„ Interest	...	90 0 0	„ Commission	0 3 8	92 10 2
			Balance ..	..	276 7 8
TOTAL ...	...	369 1 10	TOTAL ...	...	369 1 10

Dr. *Account, Radhakanta Memorial Fund.* *Cr.*

	Rs. A. P.	Rs. A. P.		Rs. A. P.	Rs. A. P.
To Balance on the 31st March 1879...	...	135 15 11	By Cost of two Gold Medals ...	184 13 0	
„ Interest	120 0 0		„ Commission	0 4 10	
					185 1 10
„ Amount received from Jnanendranath Das for a duplicate gold medal	107 0 0		Balance ...	...	177 14 1
		227 0 0			
TOTAL ...	...	362 15 11	TOTAL ...		362 15 11

Account, Ishan Scholarship Fund.

	Rs. A. P.	Rs. A. P.		Rs. A. P.	Rs. A. P.
To Balance on the 31st March 1879	...	632 7 6	By Scholarship	450 0 0	
„ Interest	...	500 0 0	„ Commission	1 4 0	
					451 4 0
			Balance ...	...	681 3 6
TOTAL ...	...	1,132 7 6	TOTAL ...	...	1,132 7 6

Dr. *Account, Harischandra Prize Fund.* *Cr.*

	Rs. A. P.	Rs. A. P.		Rs. A. P.	Rs. A. P.
To Balance on the 31st March 1879 ..	...	239 6 4	By Commission	...	0 4 10
„ Interest	...	120 0 0	Balance ...	...	359 1 6
TOTAL ...	...	359 6 4	TOTAL ...		359 6 4

Account, Ritchie Memorial Fund.

	Rs. A. P.	Rs. A. P.		Rs. A. P.	Rs. A. P.
To Balance on the 31st March 1879...	...	307 3 5	By Purchase of three Government Promissory Notes of Rs. 100 each,	287 3 3	
„ Interest	...	44 0 0	„ Commission	0 0 11	
					287 4 2
			Balance ..	...	63 15 3
TOTAL ...	...	351 3 5	TOTAL ...	..	351 3 5

Dr. *Account, Woodrow Memorial Scholarship Fund.* *Cr.*

	Rs. A. P.	Rs A. P.		Rs A. P.	Rs. A. P.
To Balance on the 31st March 1879	..	96 0 0	By Scholarships	176 0 0	
„ Interest	...	192 0 0	„ Commission	0 3 10	176 3 10
			Balance ..	...	111 12 2
TOTAL	...	288 0 0	TOTAL ...	...	288 0 0

Dr. *Account, Herschel Testimonial Fund.* *Cr.*

	Rs. A. P.	Rs A. P.		Rs. A. P.	Rs. A. P.
To Amount received from the Secretary to the fund	...	300 0 0	By Balance	. .	300 0 0
TOTAL .	...	300 0 0	TOTAL ...	...	300 0 0

Dr. *Account, Pacheti Sanskrit Prize Fund.* *Cr.*

	Rs. A. P.	Rs A P.		Rs. A. P.	Rs. A. P.
To Amount of interest	...	45 0 0	By Commission ...	...	0 1 10
			Balance ...	...	44 14 2
TOTAL ...	..	45 0 0	TOTAL ...	...	45 0 0

The Syndicate for the coming year is constituted as follows:—

A. W. Croft, Esq., M.A.	}	
The Hon'ble H. J. Reynolds, B.A., C.S.,	}	In Arts.
A. M. Bose, Esq, M.A.	}	
The Hon'ble J. O'Kinealy M.A., C.S. ...		„ Law.
H. Cayley, Esq, M.D.		„ Medicine.
Col. F. S. Stanton, R.E.		„ Engineering.

It is recommended that the Faculties for 1880-81 be constituted as follows:—

ARTS.

President:

A. W. CROFT, ESQ., M.A.

Members:

The Hon'ble the Lieutenant-Governor of Bengal.
The Hon'ble the Lieutenant-Governor, North-Western Provinces.
The Hon'ble the Lieutenant-Governor of the Panjab.
The Right Rev. the Lord Bishop of Calcutta.
General the Hon'ble Sir E. B. Johnson, K.C.B, C.I.E.
The Hon'ble Sir John Strachey, G.C.S.I.
The Hon'ble Whitley Stokes, C.S.I.
The Hon'ble A. Rivers Thompson, C.S.I., C.S.
Pandit Iswarchandra Vidyasagar, C.I.E.
H. S. Reid, Esq., C.S.
The Rev. K. M. Banerjea, D.L.
C. U. Aitchison, Esq., C.S.I., LL.D.
J. W. McCrindle, Esq., M.A.
Ray Rajendralala Mitra Bahadoor, D.L., C.I.E.
Maulvi Abdool Luteef Khan Bahadoor.
Raja Harendrakrishna Bahadoor.
The Hon'ble L. S. Jackson, C.I.E.
Ray Jagadananda Mookerjea, Bahadoor.
The Rev. W. C. Fyfe.
Baboo Piyarichand Mitra.
H. F. Blanford, Esq.,
Baboo Bhudeb Mookerjea, C.I.E.
Baboo Prasannakumar Sarbadhikari.
The Rev. J. P. Ashton, M.A.
J. Sime, Esq., B.A.
C. H. Tawney, Esq., M.A.
A. O. Hume, Esq., C.B., C.S.
The Hon'ble T. H. Thornton, D.C.L., C.S.I.
C. A. Elliott, Esq., C.S., C.S.I.
Col. W. R. M. Holroyd.
Colin Browning, Esq., M.A.
R. T. H. Griffith, Esq., M.A.
Baboo Bapudeb Shastri, C.I.E.
Raja Sivaprasad, C.S.I.
J. W. Sherer, Esq, C.S.I., C.S.
H. G. Keene, Esq., C.S.

J. D. Sandford, Esq., M.A., C.S.
K. Deighton, Esq., M.A.
A. S. Harrison, Esq., B.A., F.R.A.S.
C. B. Clarke, Esq., M.A.
Baboo Mahendralal Sarkar, M.D.
A. C. Lyall, Esq., C.S.
J. Beames, Esq., C.S., LL.D.
W. W. Hunter, Esq., B.A., LL.D., C.S., C.I.E.
Major H. S. Jarrett.
The Rev. S. Dyson.
Baboo Durgacharan Law.
Baboo Gaurdas Basak.
The Hon'ble H. L. Dampier, C.S.
The Rev. J. Wenger, D.D.
Maulvi Kabir-uddin Ahmed.
Baboo Krishnakamal Bhattacharyya, B.L.
B. D. Colvin, Esq., B.A.
Baboo Umeschandra Dutt.
The Rev. M. A. Sherring, M.A.
The Hon'ble H. J. Reynolds, B.A., C.S.
A. Colvin, Esq., C.S.
L. H. Griffin, Esq., C.S.
H. B. Medlicott, Esq., M.A., F.G.S., F.R.S.
F. S. Growse, Esq., M.A., C.S., C.I.E.
The Hon'ble J. O'Kinealy, M.A., C.S.
M. S. Howell, Esq., B.A., C.S.
Maharaja Jotindramohan Tagore, C.S.I.
Raja Jaykissen Das, Bahadoor, C.S.I.
P. Hordern, Esq., M.A.
J. C. Nesfield, Esq., M.A.
The Hon'ble Syed Ahmed Khan Bahadoor, C.S.I.
Munshi Ramchandra.
V. Ball, Esq., M.A.
Thakur Giriprasad of Baiswan
Baboo Khim Sing Bedi, C.I.E.
H. Roberts, Esq.
Sir S. C. Bayley, K.C.S.I.
The Hon'ble A. Mackenzie, B.A., C.S.
W. M. Souttar, Esq., M.A., C.S.
Nawab Ashgar Ali Khan, Bahadoor, Diler Jung, C.S.I.
Roper Lethbridge, Esq., M.A., C.I.E.
A. W. Garrett, Esq., B.A.
J. Eliot, Esq., M.A.
Pandit Maheschandra Nyayaratna.
Rev. Lalbihari Day.
Rev. Father E. Lafont, S.J., C.I.E.
Rev. J. E. Payne.
Anundmohan Bose, Esq., M.A.
Baboo Kalicharan Banerjea, M.A., B.L.
C. E. Bernard, Esq., C.S.I., C.S.
D. N. Barbour, Esq., C.S.
C. J. Lyall, Esq., B.A., C.S.
W. T. Blanford, Esq., F.R.S., F.G.S.
Dr. Saurindra Mohun Tagore, C.I.E.
The Rev. Jas. Robertson, M.A.
A. Pedler, Esq., F.C.S.

A. E. Gough, Esq , M.A.
The Hon'ble A. Wilson.
Baboo Prasannakumar Ray, D.Sc.
The Rev. A. F. Rudolf Hoernle, Ph.D.
W. Griffiths, Esq., M.A.
Baboo Gurudas Banerjea, M.A., D.L.
F. J. Rowe, Esq., M.A.
The Rev. W. Hastie, B.D.
F. Biden, Esq., M.A.
Baden Powell, Esq., C.S.
Captain A. C. Talbot, B.S.C.
Edward Buck, Esq., C.S.
A. M. Nash, Esq., M.A.
Baboo Gobind C. Dutt.
The Rev. H. Finter.
Baboo Krishnabihari Sen, M.A.
Rev. K. S. MacDonald, M.A.
G. R. Aberigh Mackay, Esq.

LAW.

President:

THE HON'BLE J. O'KINEALY, M.A., C.S.

Members:

The Hon'ble the Chief Justice of Bengal.
The Hon'ble Whitley Stokes, C.S.I.
W. A. Montriou, Esq.
Raja Harendrakrishna, Bahadoor.
Maulvi Abdool Luteef, Khan Bahadoor.
The Hon'ble L. S. Jackson, C.I.E.
Rai Jagadananda Mookerjee, Bahadoor.
A. P. Howell, Esq., C.S.
G. C. Paul, Esq., B.A., C.I.E.
The Hon'ble C. A. Turner, C.I.E., C.S.I.
The Hon'ble R. Spankie.
H. Bell, Esq.
Henry Millett, Esq.
Arthur Phillips, Esq.
Baboo Annadaprasad Banerjee.
The Hon'ble G. C. Morris.
J. H. A. Branson, Esq.
Baboo Syamacharan Sarkar.
The Hon'ble Rameschandra Mitra.
Amir Ali, Esq., M.A.
C. F. Egerton Allen, Esq., B.A.
Anund Mohun Bose, Esq., M.A.
The Hon'ble H. S. Cunningham.
The Hon'ble H. T. Prinsep, C.S.
The Hon'ble G. H. P. Evans.
Babu Mohinimohan Ray.
W. C. Bonnerjee, Esq.
The Hon'ble A. Wilson.

Baboo Trailokyanath Mitra, M.A., D.L.
Baboo Gurudas Banerjea, M.A., D.L.
Baboo Rasbihari Ghosh, M.A., B.L.
Syed Mahmud.

MEDICINE.

President:

H. CAYLEY, ESQ., M.D.

Members:

Baboo Chandrakumar Dey, M.D.
A. J. Payne, Esq., B.A., M.D.
W. K. Waller, Esq., M.D.
W. Jameson, Esq., C.I.E.
J. B. Scriven, Esq.
W. J. Palmer, Esq., M.D.
D. B. Smith, Esq., M.D.
J. M. Cuningham, Esq., M.D.
Ray Kanailal De, Bahadoor.
G. King, Esq., M.B.
J. Anderson, Esq., M.D.
Munshi Tamiz Khan, Khan Bahadoor.
K. McLeod, Esq., M.A., M.D.
Murray Thomson, Esq., M.D.
S. C. Townsend, Esq.
J. L. Bryden, Esq., M.D.
J. F. Beatson, Esq. M.D.
T. E. Charles, Esq., M.D.
T. R. Lewis, Esq., M.B.
D. D. Cunningham, Esq., M.B.
A. S. Lethbridge, Esq., M.D.
Baboo Jagadbandhu Basu, M.D.
„ Suryyakumar Sarbadhikari.
R. Harvey, Esq., M.D.

ENGINEERING.

President:

COLONEL F. S. STANTON, R.E.

Members:

His Excellency the Commander-in-Chief.
General the Hon'ble Alexander Fraser, C.B., R.E.
Colonel E. C. S. Williams, R.E., C.I.E.
Thomas Martin, Esq., C.E.
H. F. Blanford, Esq.
Colonel J. G. Medley, R.E.
Colonel J. F. Tennant, R.E., C.I.E., F.R.S., F.R.A.S.
W. Smith, Esq., C.E.
H. H. Locke, Esq.
H. B. Medlicott, Esq., M.A., F.G.S., F.R.S.
Major J. Eckford, R.E.

B. Leslie, Esq., C.E.
V. Ball, Esq., M.A.
W. T. Blanford, Esq., F R.S., F.G.S.
Major-General A. Cadell, R.E.
G. L. Molesworth, Esq., C.I.E.
Major J. Herschel, R.E., F.R.S., F.R.A.S.
H. Levinge, Esq., C.E.
A. W. Croft, Esq., M.A.
John Eliot, Esq., M.A.

The undermentioned gentlemen have conducted the University Examinations for 1879-80:—

Entrance Examination.

English	W. H. Wright, Esq. W. Paulson, Esq. Rev. R. J. Bell. Rev. J. Hector.
Sanskrit and Bengali ...	Pandit Ramgati Nyayaratna. Baboo Jogendranath Banerjea. „ Bireswar Chatterjea. „ Syamacharan Mookerjea.
Hindi and Uriya ...	Rev. Dr. K. M. Banerjea.
History and Geography ...	A. H. Pirie, Esq. Dr. P. K. Ray. Rev. Lalbihari Dey. J. Slater, Esq.
Mathematics	S. F. Downing, Esq. J. H. Gilliland, Esq. F. Biden, Esq. Father D. VanImpe, S.J.

First Arts, and B. A. Examinations.

English	K. Deighton, Esq. Rev. M. A. Sherring.
Sanskrit	Rev. Dr. K. M. Banerjea. Pandit Maheschandra Nyayaratna.
History	Rev. J. Robertson. Rev. W. Hastie.
Mathematics	John Eliot, Esq. A. M. Nash, Esq.
Philosophy	Dr. A. F. Rudolf Hoernle. A. E. Gough, Esq.
Physical Science ...	Rev. Father Peneranda, S. J. W. Booth, Esq.
Botany	Dr. Geo. King.
Zoology	R. Lydekker, Esq.
Geology	R. Lydekker, Esq.

Entrance, First Arts, and B.A. Examinations.

Latin and Greek ...	A. C. Edwards, Esq. Rev. J. Edwards.

Arabic, Persian, and Urdu...	Major H. S. Jarrett. Dr. G. W. Leitner.

Honor and M. A. Degree Examination.

English	K. Deighton, Esq. Rev. M. A Sherring.
Sanskrit	„ Dr. K. M. Banerjea. Pandit Maheschandra Nyayaratna.
History	Revd. Jas. Robertson. „ W. Hastie.
Mathematics	John Eliot, Esq. W. Griffiths, Esq.
Philosophy	Revd. Dr. A. F. Rudolf Hoernle. A. E. Gough, Esq.
Physical Science ...	W. Booth, Esq. S. A. Hill, Esq.
Botany	Dr. Geo. King.

Premchand Raychand Studentship Examination.

English	F. J. Rowe, Esq.
Sanskrit	Rev. Dr. K. M. Banerjea.
Pure Mathematics ...	John Eliot, Esq.
Mixed Mathematics ...	Dr. H. W. McCann.
History	Rev. J. Robertson.
Philosophy	„ W. Hastie.

B. L. Examination.

R. Mittra, Esq. | Baboo Upendranath Mitra.

Honors in Law.

Anderson Souttar, Esq. | Baboo Upendranath Mitra.

Medicine.

In Anatomy ...	Dr. J. F. P. McConnell.
„ Chemistry ...	„ C. J. H. Warden.
„ Medicine and Midwifery	„ R. C. Chandra.
„ Surgery and Opthalmic Surgery ...	„ K. McLeod.
„ Physiology and Comp. Anatomy ...	„ T. R. Lewis.
„ Botany	„ D. D. Cunningham.
„ Materia Medica ...	„ R. Harvey.
„ Pathology and Hygiene,	„ J. M. Coates.
„ Medical Jurisprudence	„ F. C. Nicholson.

Honors in Medicine.

Dr. R. C. Chandra. | Dr. K. McLeod.

M. D. Examination.

Dr. R. C. Chandra. „ K. McLeod.	Dr. J. M. Coates.

Engineering.

Engineering ...	... { T. Haines Wickes, Esq., C.E. D. B. Horn, Esq., C.E.
Mathematics ...	... J. Eliot, Esq.
Physical Science	... A. Pedler, Esq.
Drawing ...	... H. H. Locke.

CHARLES H. TAWNEY,

Registrar.

The 18th April 1880.

Number of Candidates at University Examinations, and the number passed in each year since 1857.

Year.	Entrance.		First Examination in Arts.		Bachelor of Arts.		Master of Arts.		Licence in Law.		Bachelor in Law.		Doctor in Law.		Licence in Medicine and Surgery.				Bachelor in Medicine.				Doctor of Medicine		Licence in Civil Engineering.		Bachelor in Civil Engineering.	
															First Examination.		Second Examination.		First Examination.		Second Examination.							
	No. of candidates	No passed.	No. of candidates.	No. passed.	No. of candidates.	No. passed.	No. of candidates.	No. passed.	No. of candidates.	No. passed.	No. of candidates.	No. passed.	No. of candidates.	No. passed.	No. of candidates.	No. passed.	No. of candidates.	No. passed.	No. of candidates.	No. passed.	No. of candidates.	No. passed.	No. of candidates.	No. passed.	No. of candidates.	No. passed.	No. of candidates.	No. passed.
1857 ...	244	162	...	...	...	..	...	...	...	...	.	..	...	..	12	12	.	...	..	...	...	...	...	..	...	...	...	...
1858 ...	464	111	...	...	13	2	..	...	..	..	19	11	...	...	40	24	...	...	...	...	..	...	.	...	..	...	.	...
1859* .	1,411	583	...	...	20	10	...	...	...	...	20	3	...	.	31	12	..	...	...	...	...	...	...	...	...	..	...	...
1860 ...	808	475	...	...	65	13	...	..	.	.	22	10	...	..	31	13	...	...	...	...	...		...	...	...	...	...	...
1861 ...	1,058	477	163	97	39	15	1	..	7	2	17	14	...	...	16	7	20	14	...	...	...	...	...	...	10	6	...	...
1862 ...	1,114	477	220	99	34	24	3	..	16	8	13	13	...		33	18	17	7	...	...	...	...	1	1	18	14	...	...
1863 ...	1,307	690	272	149	35	25	7	6	19	9	15	9	...		35	16	19	14	...	...	...	...	2	2	...	...	..	...
1864 ..	1,396	702	321	151	66	30	8	3	1	1	22	19	...	.	42	22	25	11	...	..	...	...	2	...	10	5	...	...
1865 ...	1,500	510	446	202	82	45	15	11	7	5	17	17	...	.	34	14	20	18	2	2	...	...	1	1	5	2	...	.
1866 ...	1,350	638	426	131	122	79	18	15	17	13	22	11	.	..	35	10	26	20	5	5	...	...	...	...	9	...	...	...
1867 ..	1,507	814	383	188	141	60	39	22	17	14	36	22	...	...	44	17	18	15	2	1	2	2	...	...	6	6	...	...
1868 ...	1,734	892	423	196	212	99	25	15	10	3	72	51		..	45	6	13	11	2	1	4	3	...	...	3	2	. .	...
1869 ..	1,730	817	520	225	174	77	29	18	32	13	98	58	...	...	61	27	20	19	3	2	2	2	...	...	7	4	1	1
1870 ...	1,905	1,099	540	233	210	98	32	24	26	18	87	74	. .	..	56	42	7	5	4	4	1	1	...	...	9	3	.	...
1871 ...	1,902	767	507	204	212	84	39	35	27	12	83	51	...	...	58	38	29	27	2	2	2	1	. .	...	12	2	1	...
1872 ...	2,144	928	560	220	232	100	32	24	58	17	100	21	...	...	68	29	42	27	2	...	5	3	...	...	14	7	2	1
1873 ...	2,544	848	539	305	242	126	30	20	93	44	137	72	...	...	77	31	48	23	1		4	2	. .	...	18	2	4	1
1874 ...	2,254	966	533	193	212	92	57	32	65	46	103	79	...	...	113	34	47	36	6	4	2	1	...	...	22	2	2	...
1875 ...	2,373	838	575	182	217	90	38	18	. .	..	71	40	...	..	155	31	42	13	11	7	1	...	...	...	16	6	4	3
1876 ...	2,425	1,355	756	344	281	73	38	24	. .	...	86	54	...	...	171	70	55	10	14	9	5	3	...	...	12	5	9	3
1877 ...	2,720	1,166	791	253	287	144	49	31	...	...	83	61	2	2	196	46	60	29	23	9	8	7	...	...	24	8	10	4
1878 ...	2,617	1,098	923	267	228	68	62	28	...	...	61	29	...	...	104	60	91	34	22	17	10	7	...	..	21	5	7	1
1879 ...	2,697	1,069	1,040	320	323	91	49	28	...	...	84	47	.	..	46	16	91	19	14	7	9	7	...	...	21	...	5	...
1880 ..	...	.	...		319	112	52	31	...	...	89	47	...	..	18	4	111	65	29	14	17	7	1	1	...	...	...	...

* Two Entrance Examinations in 1859.

INDEX.

AMBROSE, MR. A. T., B.L., LL.B., of the Madras University. Application from, requesting that he may be allowed to appear at the LL.B. Examination with Honors, 52; refused, 52.

AMIR ALI, THE HON'BLE, appointed member of a Committee to consider whether the present scheme of Tagore Law Lectures is working satisfactorily, 20.

ANNUAL ACCOUNTS submitted, 142.

ANNUAL REPORT of the Syndicate, 149.

ATULKRISHNA RAY. Letter from, praying that he might be allowed to take up Botany, Zoology and Geology as separate subjects for the Premchand Roychand Studentship Examination, 144; request not complied with, 144.

B. A. EXAMINATION. Report of a Committee appointed to fix the extent and limits of the courses of, 21; Sub-Committee appointed, 40; Examiner in Zoology and Geology appointed, 60; Panjab Government agree to pay Rs. 50 for superintending the examination at Agra, 64; Mr. K. Deighton appointed to superintend the examination at Agra, 68; result of, 74; scholarships, medals and prizes awarded to passed candidates, 77; Examiners for 1881, 79; subject for 1883, 80; remuneration bill sanctioned, 88; second report of Committee, 118.

BANERJEA, THE REV. DR. K. M., appointed member of Committee for selecting Text-books in Sanskrit for the Entrance Examination, 17.

BANERJEA, DR. GURUDAS, appointed member of a Committee to consider whether the present scheme of Tagore Law Lectures is working satisfactorily, 20.

BANK OF BENGAL, SECRETARY AND TREASURER. Letter from, advising the purchase of 4 per cent. Government paper for Rs. 300, on account of Ritchie Memorial Fund, 4; memorandum of purchase, 4; enclosing book debt certificate for Rs. 4,800, on account of Woodrow Memorial Fund, and Rs. 1,100 on account of Ritchie Memorial Fund, 4.

BATALA CHRISTIAN BOARDING SCHOOL. Letter from the Rev. F. H. Baring, praying that the School be affiliated to the University up to the F. A. Standard, from 1st January 1880, 145; application made to the Government of India for sanction, 145.

B. L. EXAMINATION. Examiners for, 60; result of, 77; remuneration bill, 89.

BLANFORD, MR. H. F., appointed member of a Sub-Committee to fix the extent and limits of the Examinations in Arts, 40.

BONNERJEE, MR. W. C., appointed member of a Committee to consider whether the present scheme of Tagore Law Lectures is working satisfactorily, 20.

BONUS to clerks sanctioned, 143.

BOSE, MR. A. M., appointed member of a Sub-Committee to fix the extent and limits of courses for the Examinations in Arts, 40; elected a member of the Syndicate, 118.

CAYLEY, DR. H., elected President of the Faculty of Medicine, and Representative in the Syndicate, 115.

CHAIRMAN TO THE MUNICIPALITY requested to reduce the assessment of the University Building, 82.

CHANDRAMUKHI BOSE, admitted to the F. A. Examination of 1879 or any subsequent year, 3.

CHIEF COMMISSIONER, CENTRAL PROVINCES, thinks that the contribution paid for superintending the B.A. Examination at Agra may be discontinued, 16.

COBDEN CLUB, SECRETARY. Letter from, forwarding a medal for presentation to Kalisankar Sukul; letter of thanks to the Secretary, 16.

COLOMBO. Application from Heads of Colleges in Ceylon, praying that Colombo, or some other town in Ceylon, may be added to the list of centres for the B. A. Examination, refused, 16.

COMPTROLLER GENERAL. Letter from, regarding Audit of Accounts for 1877-78, 82.

CONTINGENT BILLS, 7, 52, 65, 72, 90, 147.

CONVOCATION for conferring Degrees. Day fixed for, 81.

CROFT, MR. A. W., appointed member of a Sub-Committee to fix the extent and limits of the courses for the Examinations in Arts, 40. Mr. Gough appointed to officiate as member of the Syndicate during his absence, 44; elected President of the Faculty of Arts and representative in the Syndicate, 117, Rev. J. Robertson to officiate for him during his absence, 142.

DAVIDSON, MR. J. S. Application from, praying that others than *bonâ fide* teachers may be admitted to the Examinations in Arts without attending at an affiliated Institution, 70; refused, 70.

DEGREES IN SCIENCE, notice given of motion by the Rev. J. Robertson, in the Faculty of Arts, 140.

DIRECTOR OF PUBLIC INSTRUCTION, BENGAL. Letter from, requesting that the designation of the schools mentioned therein be altered; approved, 6; forwards a letter from the Government of India, suggesting that the Burmese students to be trained as Hospital Assistants for service in British Burma may be admitted to the Medical Examination without passing the F. A. Examination, 17; granted, 18; requesting that the Government Engineering College, Howrah, be affiliated in Engineering, and the affiliation of the Engineering Department of the Presidency College be cancelled from 1st April 1880—application made to the Government of India for sanction, 146.

DIRECTOR OF PUBLIC INSTRUCTION, RANGOON. Letter from, praying that the Government High School, Rangoon, be affiliated to the University, up to the F. A. Standard, from 1st January 1879, 145; application made to the Government of India for sanction, 145.

DIXON, MR. A. C., graduate of the University of London, to be admitted to the degree of M. A. in this University, 3.

DOCTOR IN MEDICINE. Remuneration to Examiners sanctioned, at Rs. 150 each, 82.

DUFF SCHOLARS for 1880, 66.

ELIOT, MR. J., appointed member of a Sub-Committee to fix the extent and limits of the Examinations in Arts, 40; appointed Officiating Registrar, 45.

ENTRANCE EXAMINATION. Age of each candidate to be inserted after the name, sanctioned, 2; certificate to be signed by Head of Institution at which candidate has studied continuously since the 1st July next preceding the Examination, or by Inspector or Head of Affiliated College, sanctioned, 2;

Committee for selecting Text-books in Sanskrit, 17 ; introductory note to the certificate, to be omitted, 49 ; modification of the certificate, 49 ; to take effect from the Examination of 1880, carried, 49 ; five candidates sent up from the Bowbazar A. S. Institution (it was found out that the institution was not in existence)—rejected, 61 ; the existence of private schools must in future be certified by the Educational Inspector, and it must also be stated that it has the means to teach up to Entrance Standard, 62 ; recommended to the Senate, for sanction, 146 ; result of, 66 ; remuneration bill passed, 72 ; examiners for 1880, 78, subjects for 1882, 80 : proposal for marking, 86 ; selections for 1882 adopted, 86 ; opinions from Directors, Inspectors ; and Heads of Affiliated Institutions on the proposed alteration in the system of marking at, 143.

FACULTY OF ARTS. Minutes of, 21, 117.

————ENGINEERING. Minutes of, 114.

————LAW. Minutes of, 8, 19, 54, 116.

————MEDICINE. Minutes of, 10, 115.

FEMALE CANDIDATES. Bengali Subjects for the F. A. and B. A. Examinations, 14 ; Botany course to be fixed for, 44 ; Dr. W. H. Gregg requested to recommend text-books for, 44 ; text-books and six natural orders adopted, 51 ; Dehra fixed as a place for holding the Examination, as a special case, 60.

FINTER, THE REV. H., appointed a Fellow and attached to the Faculty of Arts, 141.

FIRST EXAMINATION IN ARTS. Report of a Committee appointed to fix the extent and limits of the courses, 21 ; Sub-Committee appointed, 40 ; result of, 66 ; examiners for 1880, 79 ; subject for 1882, 80 ; second report of Committee, 118.

FYFE, THE REV. W. C., resigns the office of Examiner in History for the next B. A. Examination, 61.

GARTH. THE HON'BLE SIR RICHARD, KT., appointed President of a Committee to consider the present scheme of Tagore Law Lectures, 20.

GOBIND CHUNDRA DUTT, MR., presented a copy of *Le Journal de Mademoiselle D'Arvers*, a work by the late Miss Toru Dutt ; thanks of the University given, 5 ; appointed a Fellow and attached to the Faculty of Arts, 141.

GOLAPCHANDRA SARKAR, BABU. Contribution paid to, from the Tagore Fund, Rs. 1,000, 63.

GOUGH, MR. A. E., appointed a member of Committee for selecting Text-books in Sanskrit for the Entrance Examination, 17 ; appointed a member of the Sub-Committee to fix the extent and limits of the Examinations in Arts, 40 ; appointed a member of the Syndicate, to officiate for Mr. Croft, during his absence, 44.

GOVERNMENT OF INDIA. Letters from, 6, 14, 17, 64, 69, 141.

GOVERNMENT OF THE N. W. P. AND OUDH. Letter from, No. 177, dated 7th August 1879, 43 ; replied to, 43.

HARISCHANDRA BHATTACHARYYA PANDIT and RAJANIKANTA GUPTA BABU. Applications from, requesting that their Sanskrit works be introduced as Entrance text-books in Sanskrit, 16 ; referred to a Committee, 17.

HASTIE, THE REV. W., appointed member of a Sub-Committee to fix the extent and limits of the Examinations in Arts, 40 ; appointed Examiner in History for the B. A. Examination, in place of the Rev. Mr. Fyfe, 61 ; letter from, informing that Thakurdas Mookerjea has resigned his appointment, 70.

HIRANAND SHOWKERAM ADVONI, a pupil of the Hare School. Application from, praying to be allowed to translate into Sindhi the paper for translation at the Entrance Examination, granted, 41.

HERSCHEL TESTIMONIAL FUND. Letter from the Secretary, 144; Rs. 1,800 sent to form the Fund, 144; thanks given by the Syndicate, 145. Amount converted into stock, 145.

HOERNLE, THE REV. DR. A. F. RUDOLF, appointed member of Committee for selecting text-books in Sanskrit for the Entrance Examination, 17.

HONOR EXAMINATION IN ARTS. Proposal (1) That no text-book be prescribed in the Evidences of Revealed Religion, (2) and that History of Philosophy be made a compulsory subject instead of Natural Theology, referred to the Faculty of Arts, 17; carried, 40; examiners for, 67; subjects in English for 1882 to 83, 81; result of, 86; alterations in paragraph 9 of the Regulations for Honours suggested to the Senate, 142.

HONOR EXAMINATION IN LAW. Examiners for, 81; result of, 105; remuneration bill passed, 147.

HONOR EXAMINATION IN MEDICINE. Examiners for, 143; result of, 143,

HORMUSJI NOWROJI, a matriculated student of the Bombay University. Application from, praying to be admitted to the ensuing L. M. S. Examination without passing the F. A. Examination, refused, 70.

HUGLI COLLEGE, OFFICIATING PRINCIPAL. Letter from—requesting that Chandra Kumar Datta, candidate who failed in Physical Geography only, be allowed, as a special case, to appear at the next B. A. Examination, 50; further explanations asked for, with an intimation that the application will be recommended to the Senate, in case the explanations prove satisfactory, 51.

INSPECTOR-GENERAL OF EDUCATION, C. P. Letter from, recommending that students be allowed to translate into Guzrati the paper for translation at the Entrance Examination, granted, 62.

INSPECTOR OF SCHOOLS, PRESIDENCY CIRCLE. Letter from—stating that during the recent Examination at Krishnaghur, Sasibhushan Mitra endeavoured to pass himself off as Haranath Datta; and that the Sessions Judge of the station had sentenced him to one month's simple imprisonment; ordered that both the culprits be excluded in future from the Examination, 70.

JARRETT, MAJOR H. S. Remuneration sanctioned, 68.

KALIDAS CHATTERJEA, BABOO. Letter from, announcing the death of his son, Khetterprasad Chatterjea, and requesting that the B. A. fee of the deceased may be returned, 68; granted, 68.

KRISHNABIHARI SEN, BABU, appointed Fellow and attached to the Faculty of Arts, 141.

KRISHNADHAN MOOKERJEE Application from, praying that the Harischandra Prize which was awarded to Krishnalal Datta, who failed at the last M. A. Examination, be given to him; refused, 145.

LA MARTINIERE COLLEGE, CALCUTTA, Principal. Letter from, recommending that (1) a portion of the English F. A. course of Prose and Poetry be permanent; (2) that the Examination in Latin for the Entrance consist of (*a*) a paper in easy accidence; (*b*) a paper containing easy sentences to be translated from Latin into English, and *vice versa*, and an easy "unseen" passages from a prose author, and another from a poet, for translation into English; (3) that the F. A. Examination be on the same lines, but more difficult; referred to the Faculty of Arts, 4.

LALBIHARI DE, THE REV. Letter from, praying that *Gobinda Samanta* be appointed a text-book for the Entrance Examination of 1881—copy presented to the Library, 62; referred to the Sub-Committee, 62.

LAZARUS, MR. A. V., Graduate of the University of Oxford, permitted to appear at the Medical Examination, 1.

L. C. E. AND B. C. E. EXAMINATION. Result of, 12; two L. C. E. passed candidates who had fulfilled the requirements contemplated in paragraph 8 of the Regulations, pray to be admitted to the degree of B. C. E.; granted, 86; examiners for, 143.

L. M. S. AND M. B., 1ST EXAMINATIONS. Proposal that in paragraph 6 of the Regulations for the word "Chemistry," be substituted "Elementary Chemical Physics, including the General Laws of Light, Heat, Electricity and Magnetism, also Chemistry, organic and inorganic, having special reference to Practical Medical Science," sanctioned, 3; the portions of Botany and Chemistry required in Examination to be notified, 61; 8 Natural orders in Botany selected, 69; Chemistry to be omitted, 69; result of, 103; three candidates expelled for using unfair means, 104; Gilchrist scholars admissible to the Examination only by special vote of the Senate, 147.

L. M. S. AND M. B. 2ND EXAMINATIONS. Proposal that in paragraph 8 of the Regulations, for the words "one course of 50 lectures, diseases of the eye," be substituted "one course of 25 lectures, diseases of the eye," carried, 3; that in paragraph 9, Section *d* of the Regulations for L. M. S., and paragraph 8, Section *d* of the Regulations for the Degree of M. B., the following words be added after the words "*Post-mortem* Examination": "and of having regularly attended one course of practical demonstration in the deadhouse," 10; proposal that in paragraph 9, clause *b* of the Regulations for the L. M. S., and in paragraph 8, clause *b* of the Regulations for the degree of M. B. for the words "one course of 70 lectures, General Pathology and Morbid Anatomy", be substituted the words "one course of 40 lectures, General Pathology and Morbid Anatomy", recommended to the Senate, 13; carried, 48; examiners for, 67; result of, 102.

LEITNER, DR. G. W. Remuneration sanctioned, 68; additional fee, 82.

LEVINGE, MR. H., appointed a Fellow, and attached to the Faculty of Engineering, 141.

LIBRARY COMMITTEE. Report of, recommending the purchase of books from the funds in hand and the balance that may remain to form the nucleus of a collection of English classical authors, 52; approved, 52.

LYDEKKER, MR. R., appointed Examiner in Geology and Zoology, 60.

M. A. EXAMINATION. Result of, 88; remuneration bill passed, 87.

MACDONALD, THE REV. K. S., appointed a Fellow, and attached to the Faculty of Arts, 141.

MACKAY, MR. G. R. A., appointed a Fellow, and attached to the Faculty of Arts, 141.

MCCRINDLE, MR. J. W., resigns the office of Examiner in History for the F. A. and B. A. Examinations, 41.

M. D. EXAMINATION. Examiners for, 67; result of, 104.

MENIAL SERVANTS' pay increased, 14.

MITRA, DR. RAJENDRALALA RAY, BAHADOOR, appointed member of Committee for selecting Text-books in Sanskrit for the Entrance Examination, 17.

MITRA, ROMESCHANDRA, THE HON'BLE, appointed a member of a Committee to consider the present scheme of Tagore Law Lectures, 20.

MOWAT, MR. M., resigned the office of Examiner in Mathematics for the Entrance Examination, 61.

NASH, MR. A. M., appointed to tabulate the results of the Entrance and F. A. Examinations, 60; remuneration of Rs. 300 sanctioned, 60; appointed a Fellow, and attached to the Faculty of Arts, 141.

NYAYARATNA, PANDIT MAHESCHANDRA, appointed member of Committee for selecting Text-books in Sanskrit for the Entrance Examination, 17.

O'KINEALY, THE HON'BLE J., elected President of the Faculty of Law and Representative in the Syndicate, 116.

PACHETI SANSKRIT PRIZE. Maharaja Nilmani Sing Deo, Bahadoor, forwarded 2 Government Promissory Notes of 4½ per cent. loan of 1879, for Rs. 2,000, to found a medal in Sanskrit, 14; donation thankfully accepted; Notes converted into stock; permission of the donor asked that a prize of books be substituted for medal, 15; Syndicate to decide 'in any way they think best,' 51; rules for awarding the prize, 51.

PALESTINE EXPLORATION FUND, SECRETARY. Letter from, forwarding copy of the prospectus of their large-paper edition of the Survey of Western Palestine, requesting the University to subscribe, 51; referred to the Library Committee for consideration, 51.

PÁLI. Names of the Text-books for the Examinations in Arts, 42.

PINCOTT, MR. Announcing that a cheap edition of his *Sakuntalá*, in Hindi, is about to be published, and requesting that it may be prescribed for the Entrance Examination, 145; on receipt of the above, it will be referred to a Committee for report, 146.

PREMCHAND ROYCHAND STUDENTSHIP EXAMINATION. Candidates for, 13; Examiners for, 67; result of, 78; Studentship awarded to, 78; remuneration bill, 90.

PRINSEP, THE HON'BLE H. T., appointed to officiate as a member of the Syndicate during the absence of the Hon'ble J. O'Kinealy, 41. Appointed a member of a Committee to consider the present scheme of Tagore law lectures, 116.

PRINTING Calendar at the B. M. Press, and Minutes, Circulars, &c., at the Government Central Press, approved, 64.

RAJSHAHYE CIRCLE INSPECTOR OF SCHOOLS. Letter from, requesting an exact definition of the requirements in Arithmetic for the Entrance candidates, as stated in paragraph 6 of the Regulations, 62; the attention of Examiners will be drawn to Rule 6, and they will be instructed to frame their questions accordingly, 63.

RAJSHAHYE COLLEGE. Application for an affiliation in Law, 6; recommended for the sanction of the Governor-General in Council, 6; sanctioned, 14.

RAMPUR BAULIAH added to the list of centres for holding the Entrance and F. A. Examinations, 5.

RECEIPTS AND DISBURSEMENTS of the University, 169; of the different Endowment Funds, 170.

REPORT OF THE COMMITTEE appointed to fix the limits and extent of the Examinations in Arts, 21, 118.

RESIDENCY COLLEGE, INDORE, PRINCIPAL. Letter from, requesting that candidates may be allowed to translate into Gujarathi the paper for translation at the Entrance Examination, granted, 16. Praying that Balkrishna Raghuji Patell, an Undergraduate of the University of Bombay, be allowed to appear at the F. A. Examination, granted, 64.

REYNOLDS, THE HON'BLE H. J., elected a member of the Syndicate, 118.

ROBERTSON, THE REV. J. Proposal that the syndicate be requested to enquire whether any (and if so, what) steps should be taken with the view of securing greater uniformity in the standard of the Examination in all subjects, carried, 1; opinions asked for from the heads of Affiliated Institutions, 5; opinions received, 44; Messrs. Tawney and Eliot requested to draw up draft Rules, 44; rules framed, 55; adopted, 57; taking effect from the current year, 64; Moderators, 64; appointed member of a Sub-Committee to fix the extent and limits of the examinations in Arts, 40; appointed Examiner in History, in place of Mr. McCrindle, resigned, 41; requesting that two lads from the Doveton College who are under the prescribed age be allowed to appear at the Entrance Examination, 63; refused, 63.

ST. FRANCIS DESALES'S SCHOOL, NAGPORE. Application for affiliation to the University up to F. A. Standard from 1st January 1879, recommended to the Governor-General in Council for sanction, 62; sanctioned, 69.

SANSKRIT COLLEGE, OFFICIATING PRINCIPAL. Letter from, requesting to fix the text-books in Bengali, for the F. A. Examination of female candidates, 5; refer to the Principal, Sanskrit College, to recommend suitable text-books in consultation with Dr. K. M. Banerjea, 5.

SARKAR, DR. MAHENDRALAL, appointed member of a Sub-Committee to fix the extent and limits of the Examinations in Arts, 40.

SECRETARY TO THE CHIEF COMMISSIONER, C. P. Letter from, stating that the contribution paid to the Superintendent of the B. A. Examination at Agra will be discontinued, 16.

SECRETARY OF STATE FOR INDIA. Letter from, to His Excellency the Governor-General of India in Council, regarding the training and education of natives for employment in the Geological Survey of India; reply from Syndicate to Home Department, observing that the Act of Incorporation does not provide for the establishment of lectureships, and that Geology is one of the optional subjects for the B. A. and M. A. degree Examinations, 63.

SENATE, Minutes of, 1, 46, 58, 106.

SMITH, DR. D. B. Letter from, forwarding a letter from Dr. McConnell, proposing (1) that lectures in Pathology and Morbid Anatomy be reduced to 40; (2) that all candidates for the 2nd M. B. Examination shall be required to produce a certificate of having attended two such courses, and those for the second L. M. S Examination, one such course—referred to the Faculty of Medicine, 5; to the Syndicate, 10; letter from, enclosing a petition from 56 students, requesting that candidates who failed in some certain subjects at the Medical Examinations be allowed to pass only in that subject in future, referred to the Faculty of Medicine, 6; petition refused, 11.

STANTON, COLONEL F. S., elected President of the Faculty of Engineering, and representative in the Syndicate, 114; nominates Major J. Eckford to officiate for him during his absence, 142.

SYED MAHMUD appointed a Fellow, and attached to the Faculty of Law, 141.

SYNDICATE, MINUTES OF, 4, 12, 41, 50, 55, 60, 66, 74, 102, 141.

TAGORE LAW PROFESSORSHIP. Resolutions as to what steps are to be taken for election, 6; advertisement, 8; proposal to appoint a Select Committee of the Faculty of Law to consider if the present scheme for the Tagore Law Lectures is working satisfactorily, and if not, if it can be improved in any and what way, carried, 9; candidates for, 13; gentlemen appointed to form a Committee to consider the present scheme of lectures, 20; the Hon'ble

H. T. Prinsep appointed a member, in place of Mr. Amir Ali, 116 ; Mr. Agnew recommended as Professor, by the Syndicate, 42 ; Baboo Rajkumar Sarbadhikari appointed Professor, by the Senate, 48 ; subject of lectures fixed, 59.

TAWNEY, MR. CHARLES H., re-appointed Registrar, 1 ; leave granted for 3 months, 45.

THURLOW, THE REV. JOHN, M.A. OF CAMBRIDGE. Letter from, praying to be admitted to an *ad eundem* degree, refused, 147.

TRUBNER AND CO., MESSRS. Letter from—forwarding a copy of Professor Dowson's Classical Dictionary of Hindoo Mythology, asking the patronage of the Senate ; recorded, 42.

UNIVERSITY BUILDING. Quadrennial repairs, sanctioned for Rs. 2,078, 85.

UNIVERSITY EXAMINATIONS IN ARTS, LAW, MEDICINE, AND ENGINEERING. Proposal that the dates of examinations and the list of successful [illegible] dates be published at such time as the Syndicate shall determir [illegible] to the Senate, 72.

UNIVERSITY FEE FUND. All the printing and advertisement charges, with the exception of the list of passed candidates and the notices of the examinations, to be paid for from, 17. A reserved fund to be formed out of the balance of the year, of Rs. 3,000, 143.

UPENDRANATH DAS. Letter from,—first M. B. candidate in March 1879, who was rejected in Comparative Anatomy only, praying that he may be gazetted as having passed the First L. M. S. Examination, granted, 68.

VANIMPE. THE VERY REV. D. S. J., appointed Examiner in Mathematics, in place of Mr. Mowat, 61.

VICE-CHANCELLOR. Address delivered by, 106.

WILSON, THE HON'BLE ARTHUR, appointed Vice-Chancellor, 141.

WOODROW SCHOLARSHIP awarded, 144.